

FIG. 1

TFPI Peak Fractions from
Phenyl Sepharose HIC

Load



FIG. 2

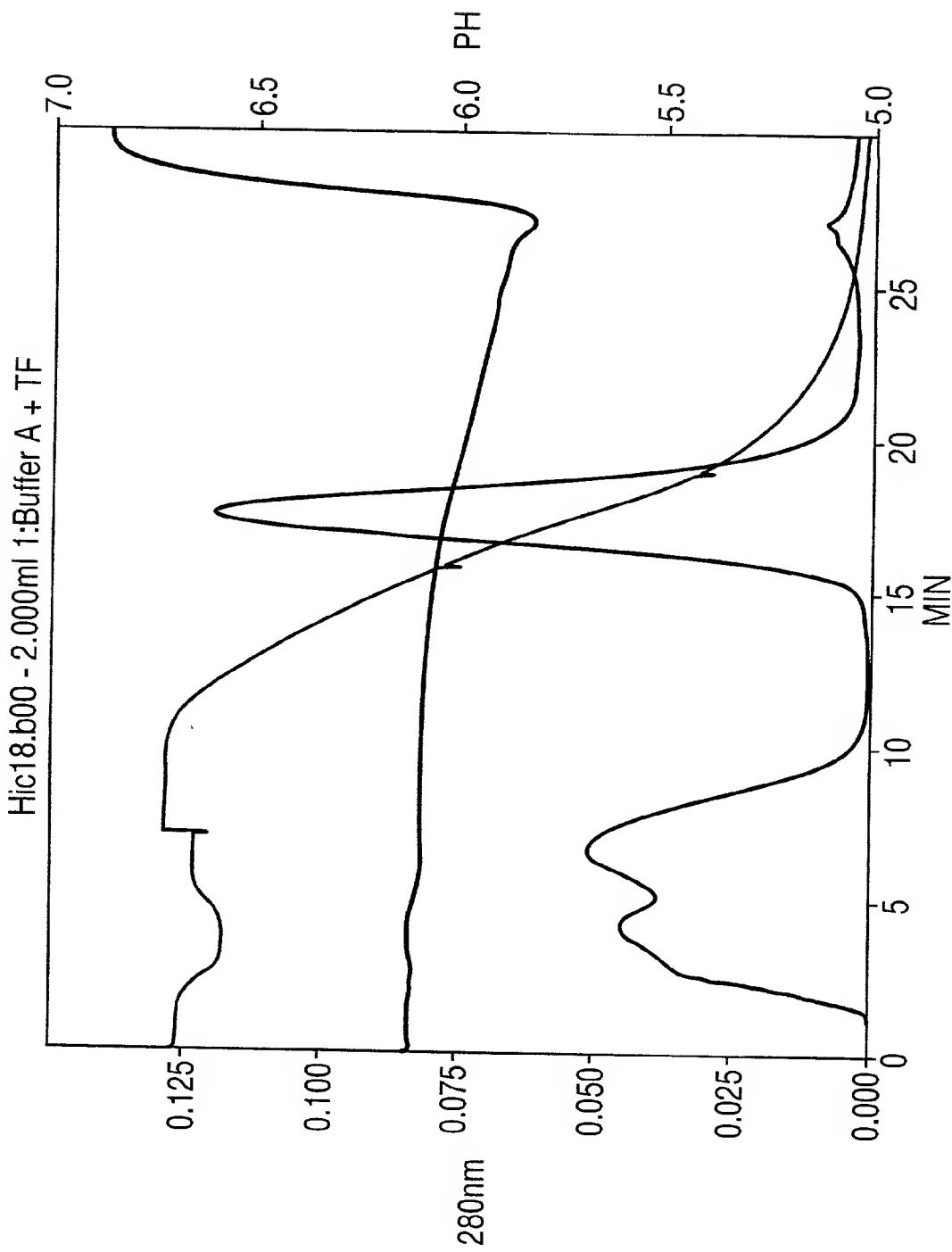
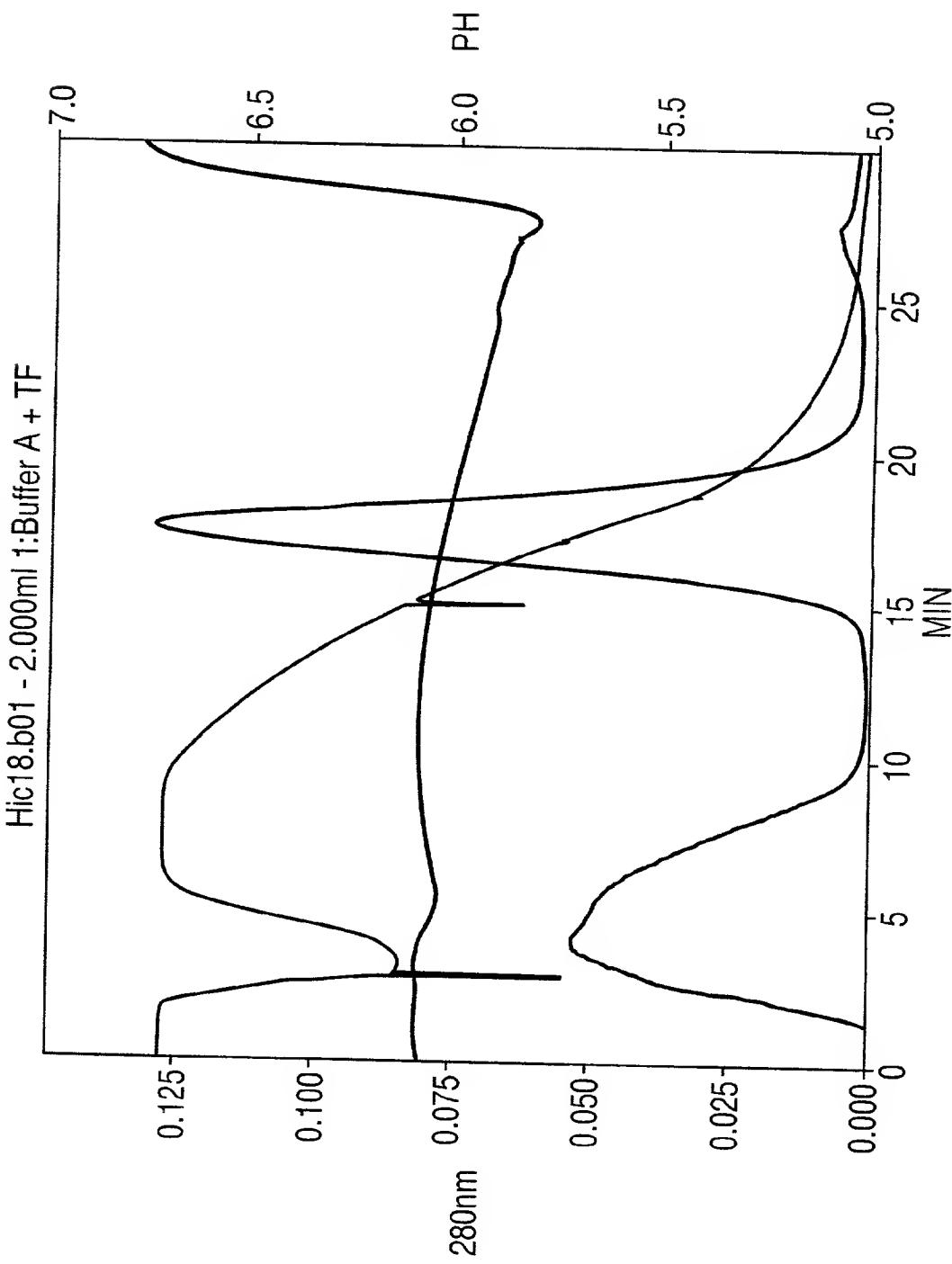


FIG. 3



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FIG. 4

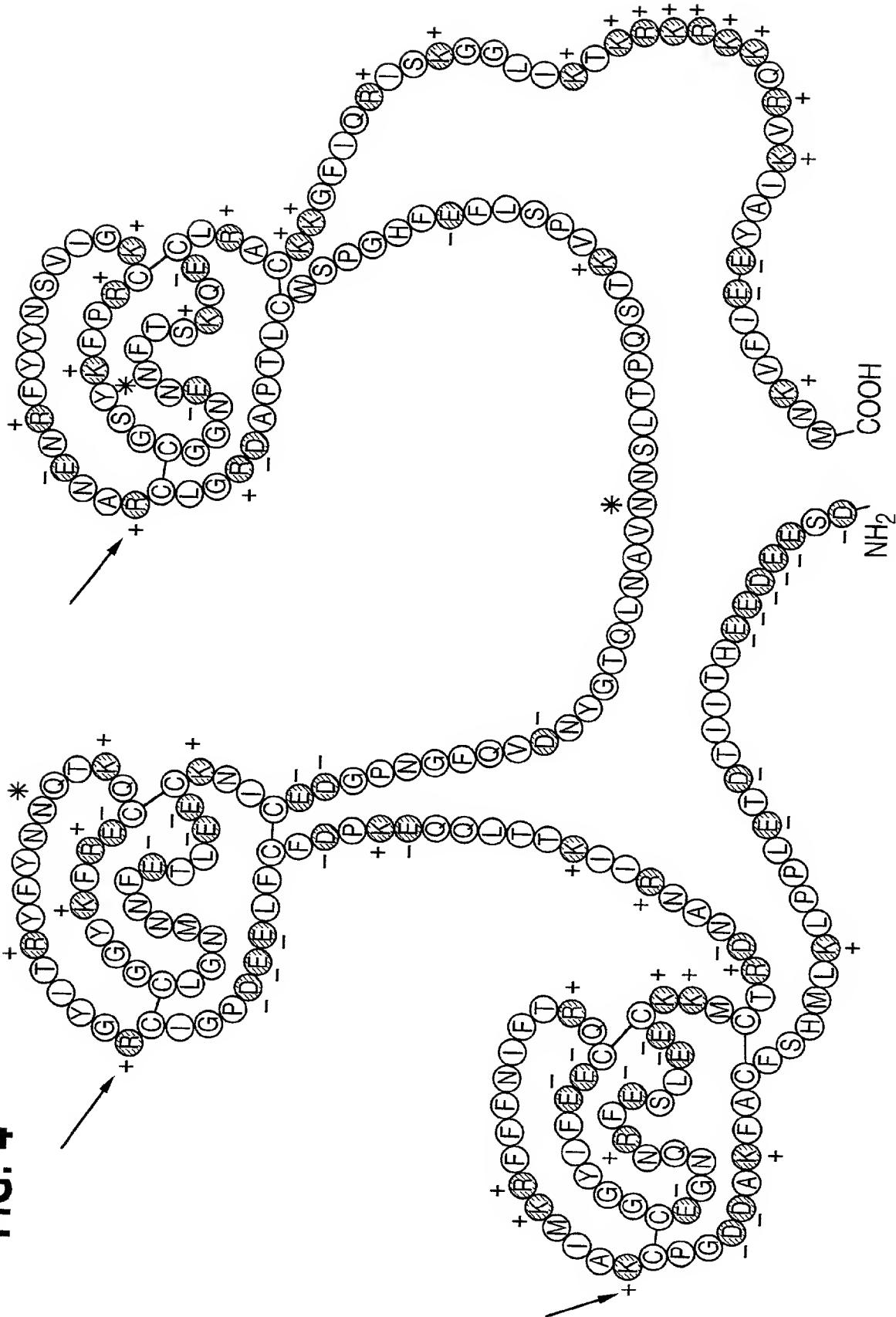


FIG. 5

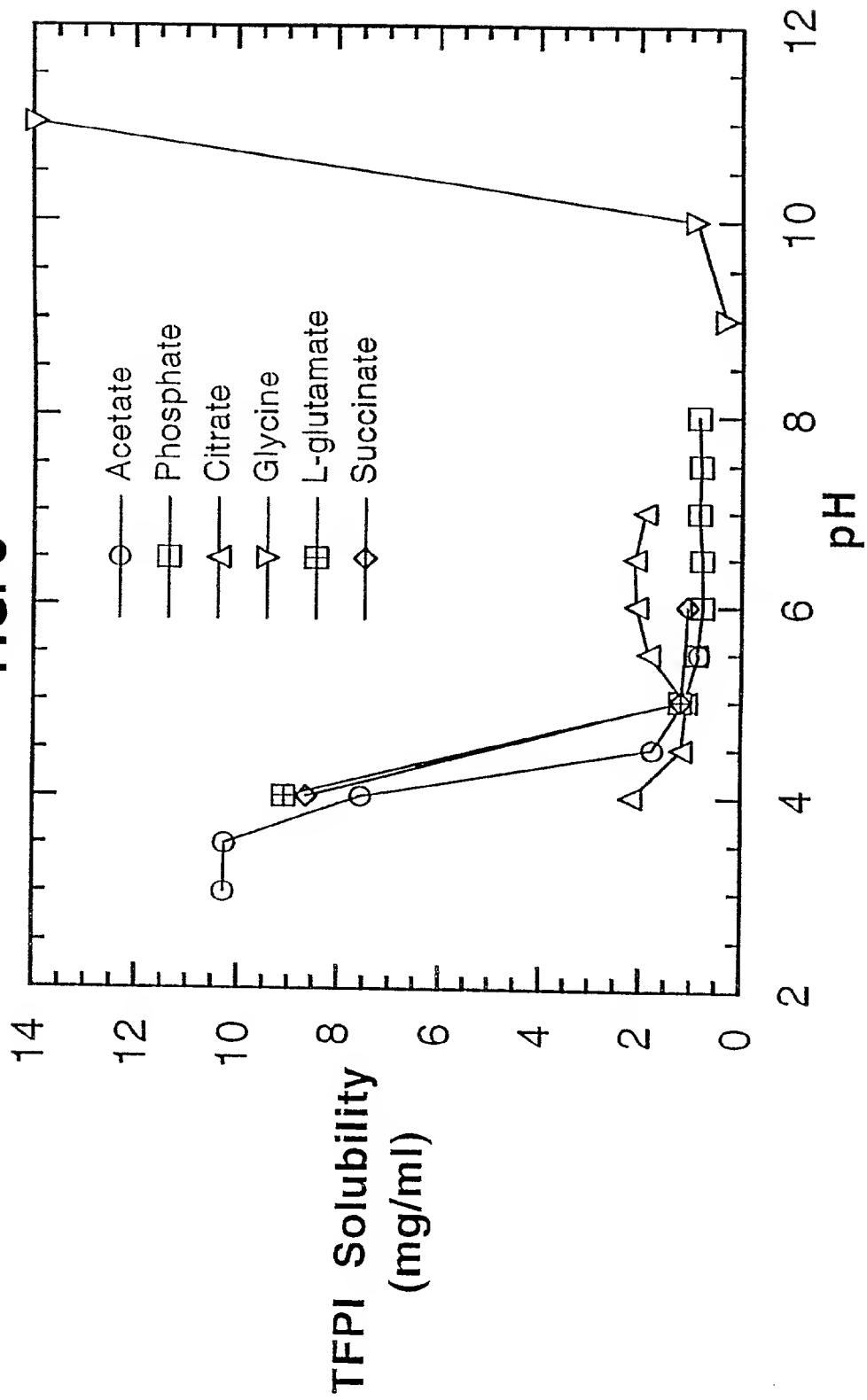


FIG. 6

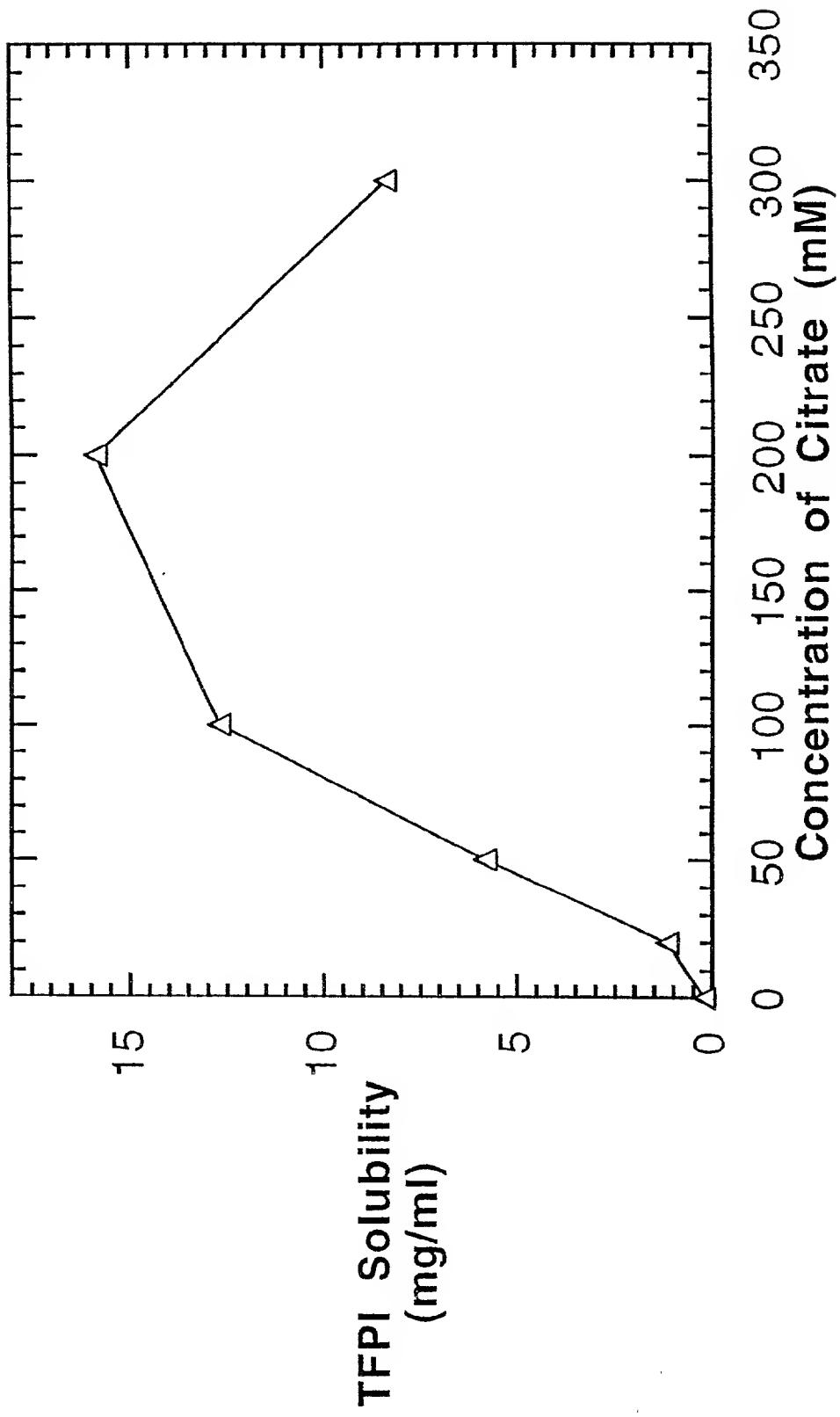


FIG. 7

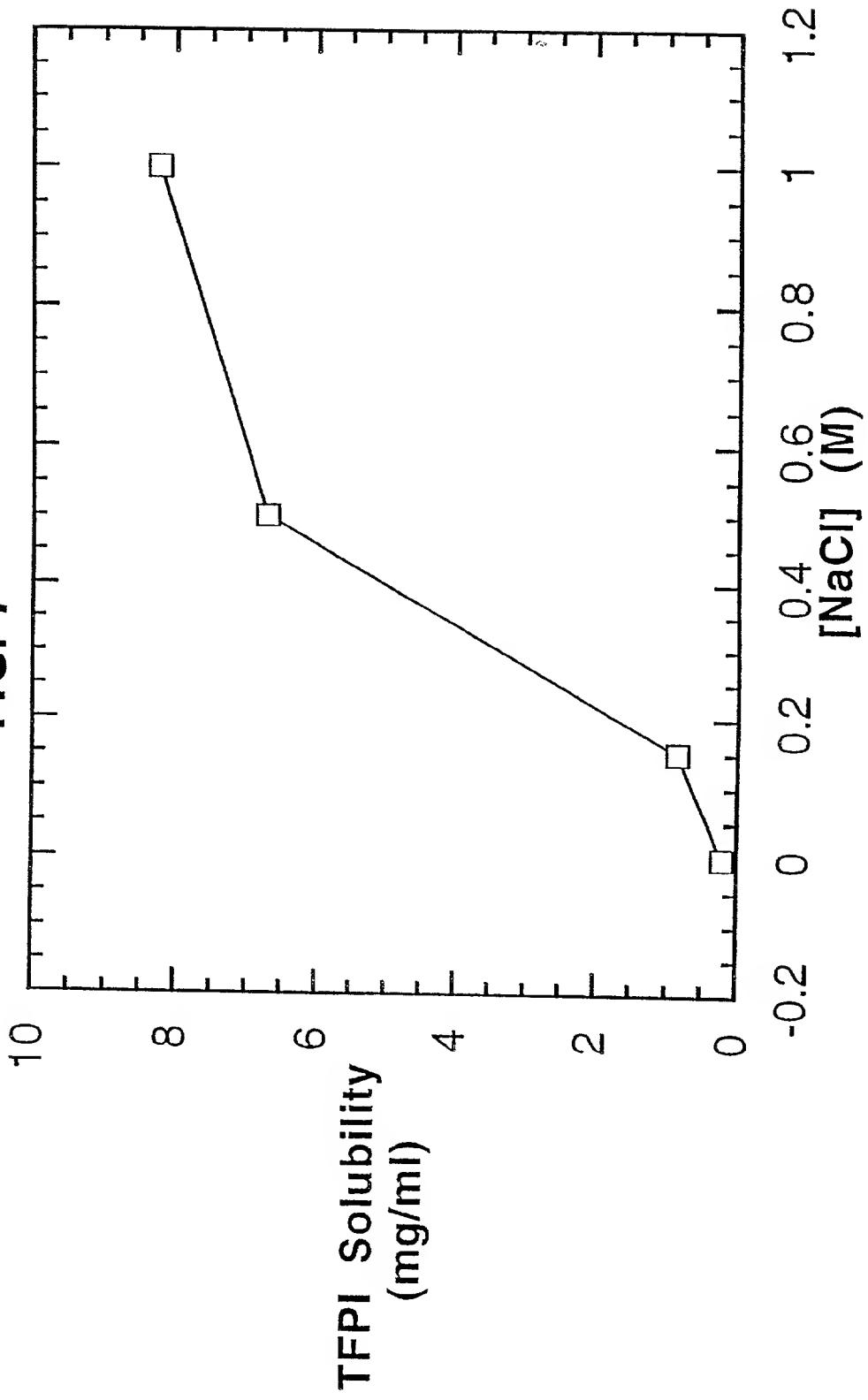


FIG. 8

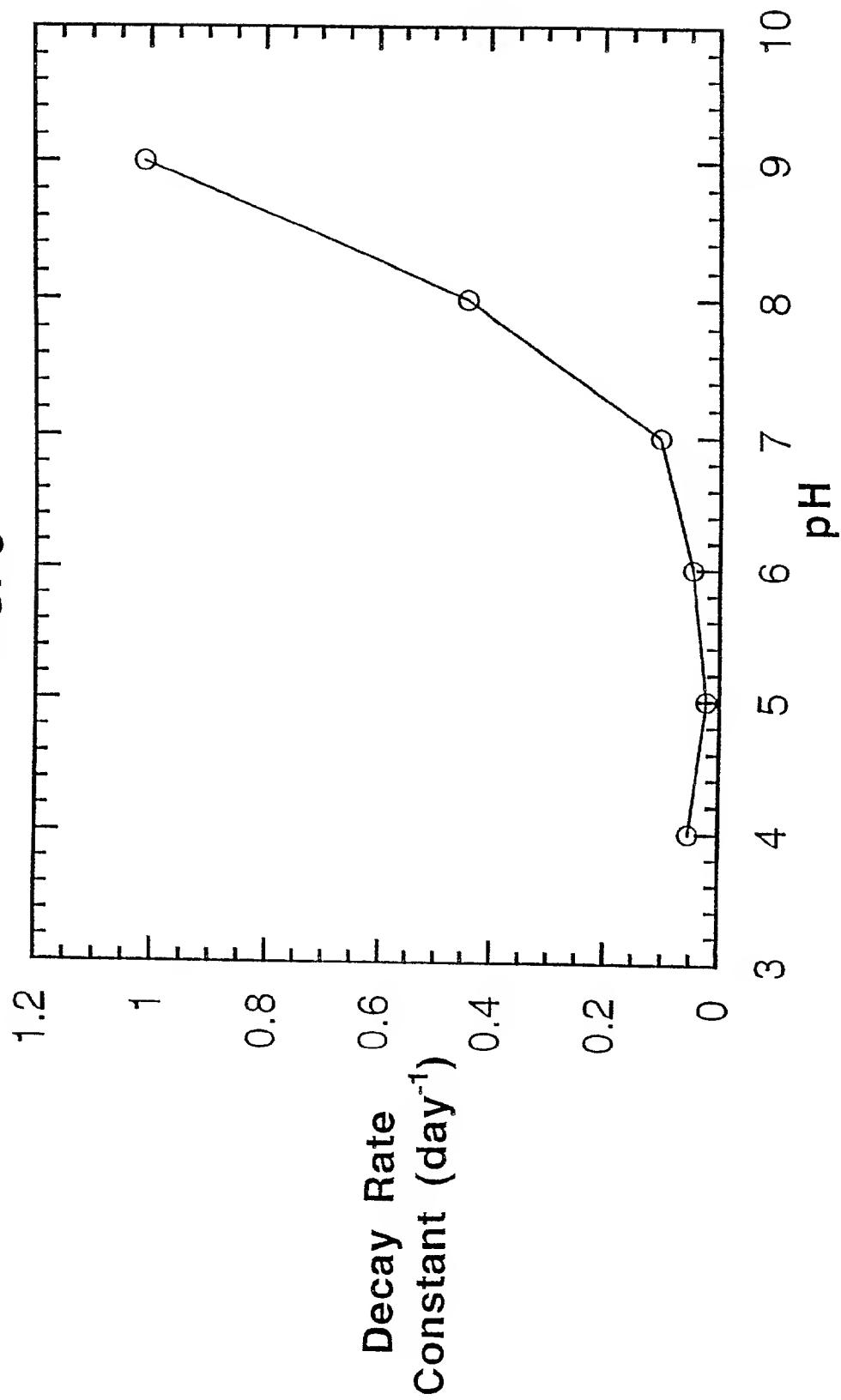


FIG. 9A

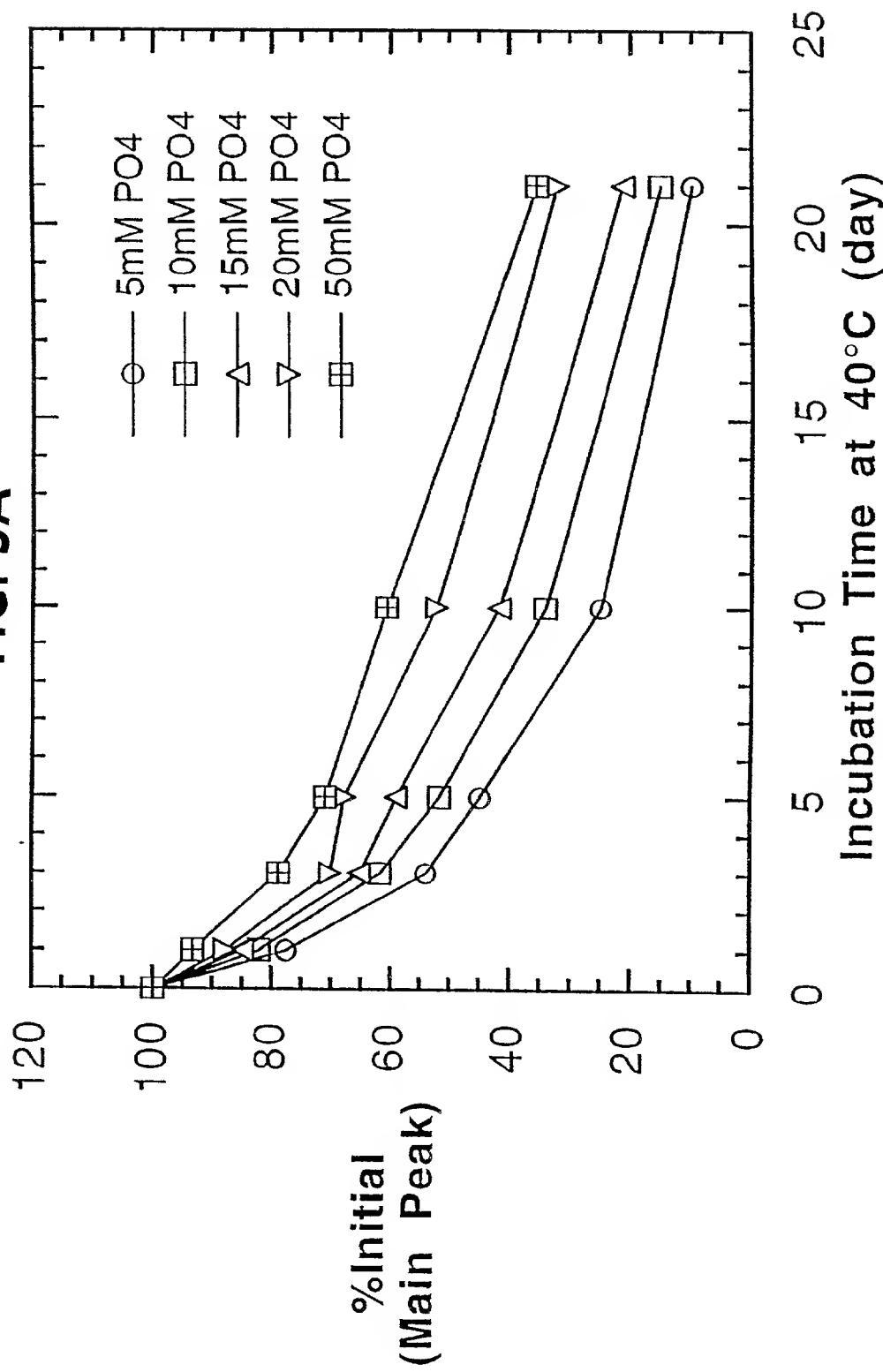


FIG. 9B

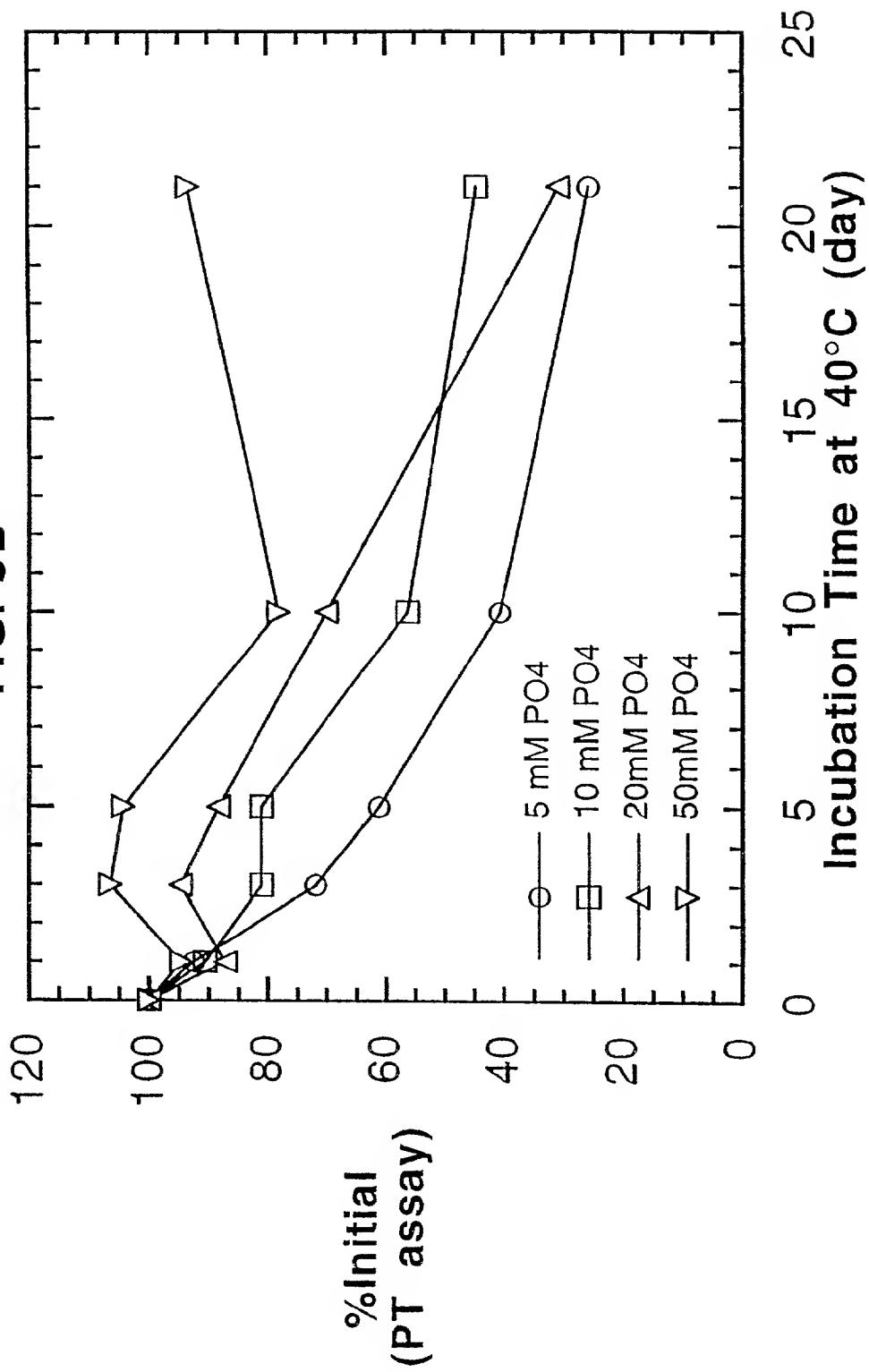


FIG. 10

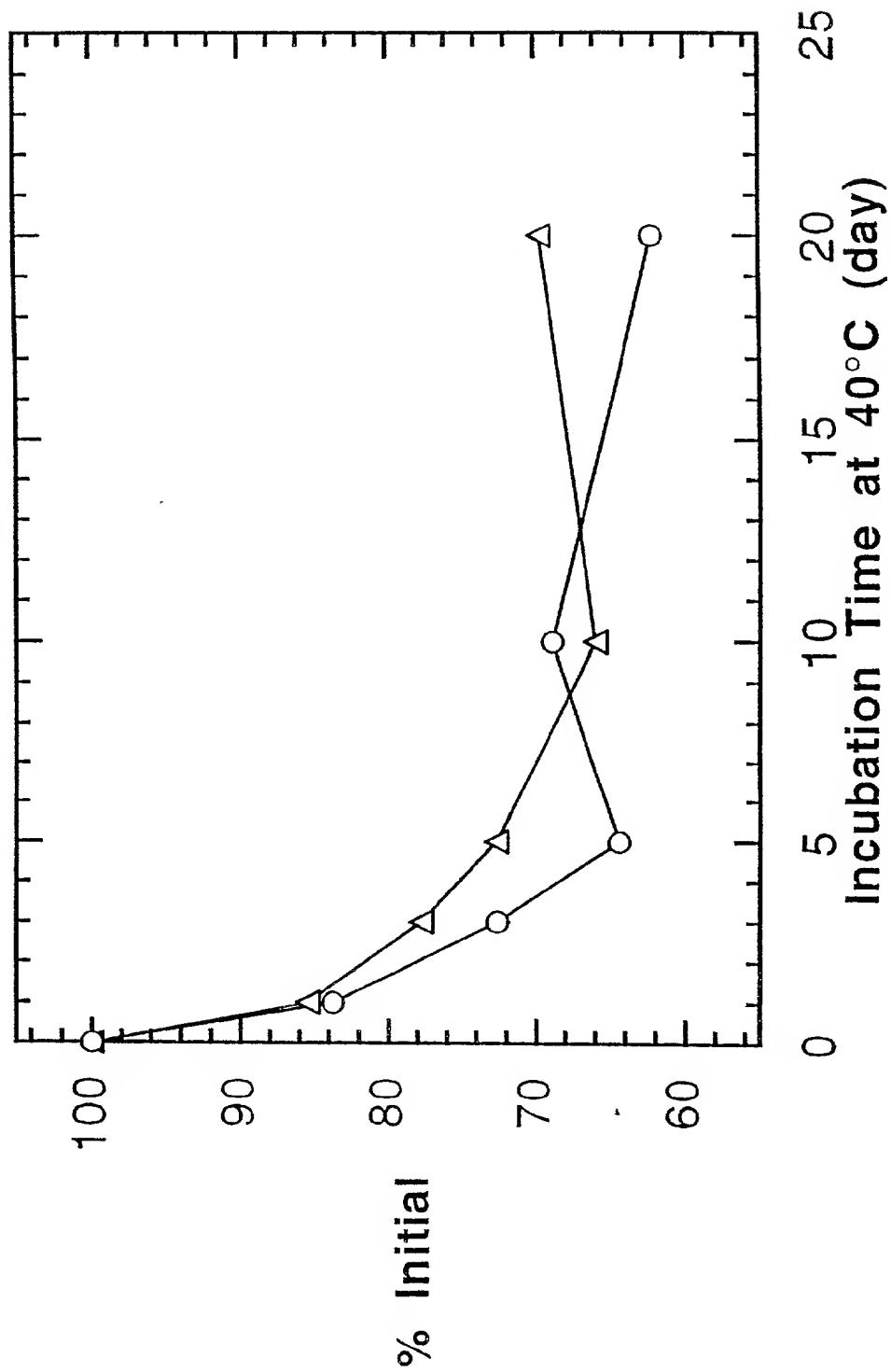


FIG. 11

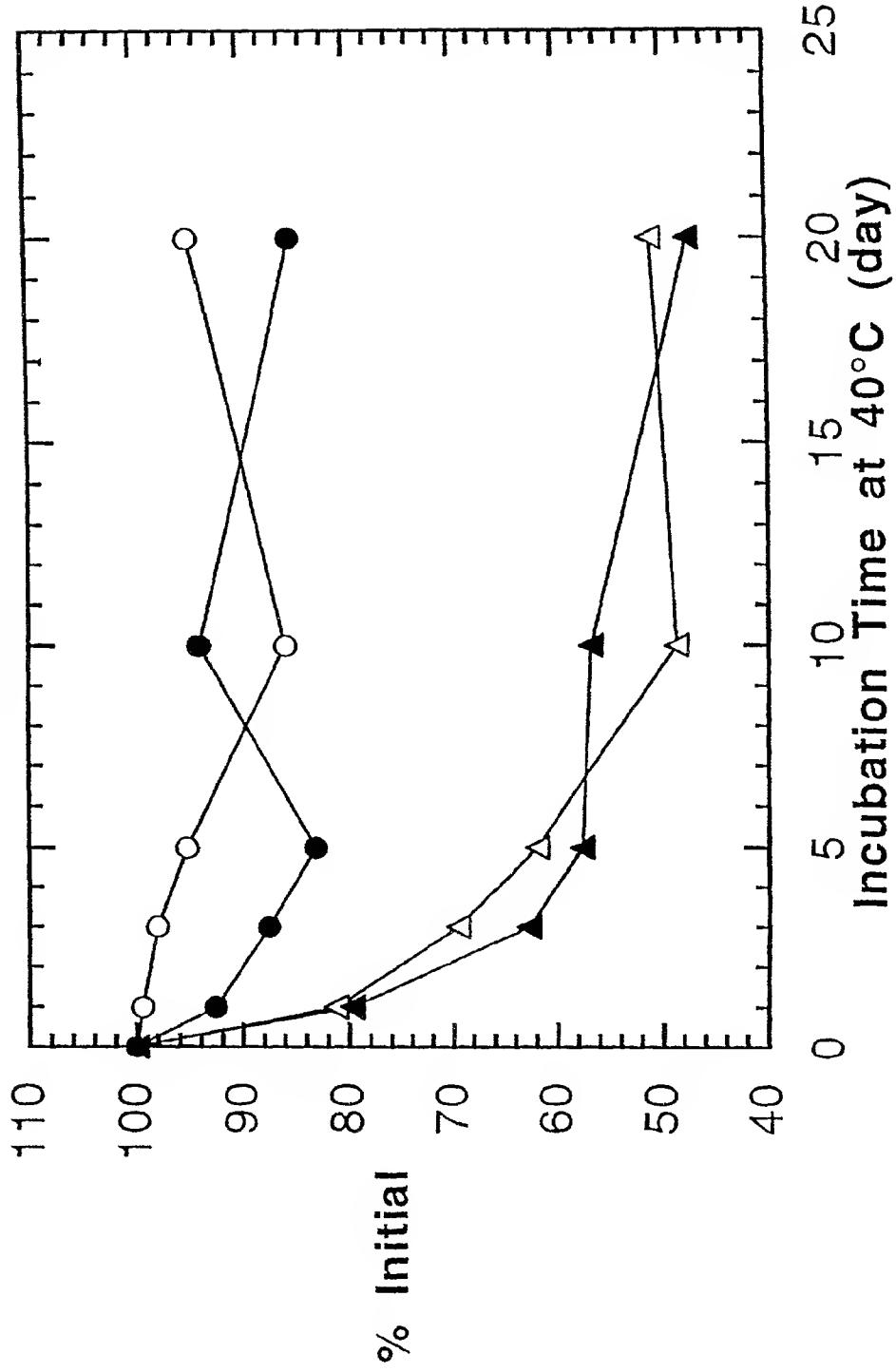


FIG. 12

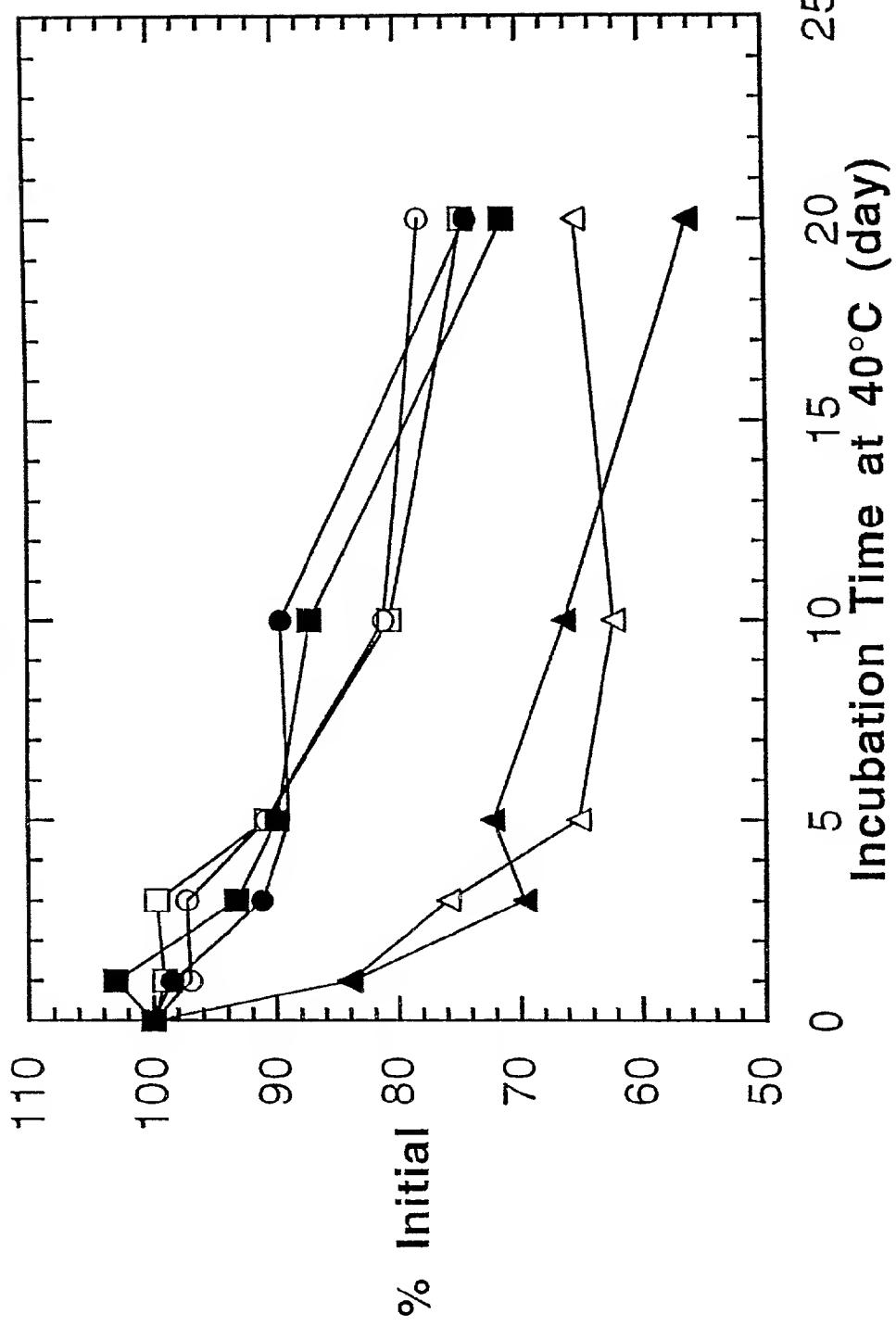


FIG. 13

ph 4 5 6 7 8 9

$t = 20$ day
at 40°C



← Monomer TFPI

← Cleared species

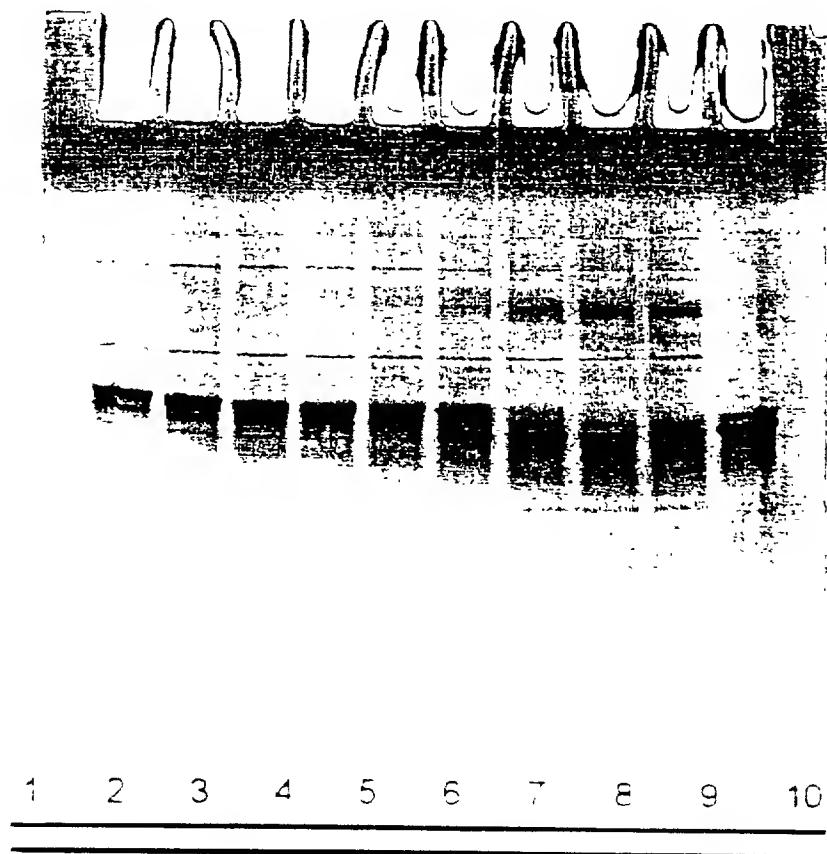
$t = 0$



← Monomer TFPI

FIG. 14

Non-reducing SDS-PAGE analysis of polyphosphate refold timepoints



Lane #	Lane Description
1	Dissolved refractile bodies
2	T ₀ hour
3	T ₁₈ hour
4	T ₂₁ hour
5	T ₂₅ hour
6	T ₄₃ hour
7	T ₆₅ hour
8	T ₉₀ hour
9	T ₁₂₅ hour
10	SC-59735

1	Dissolved refractile bodies
2	T ₀ hour
3	T ₁₈ hour
4	T ₂₁ hour
5	T ₂₅ hour
6	T ₄₃ hour
7	T ₆₅ hour
8	T ₉₀ hour
9	T ₁₂₅ hour
10	SC-59735

FIG. 15

Sephadex gradient elution of polyphosphate refold from run #

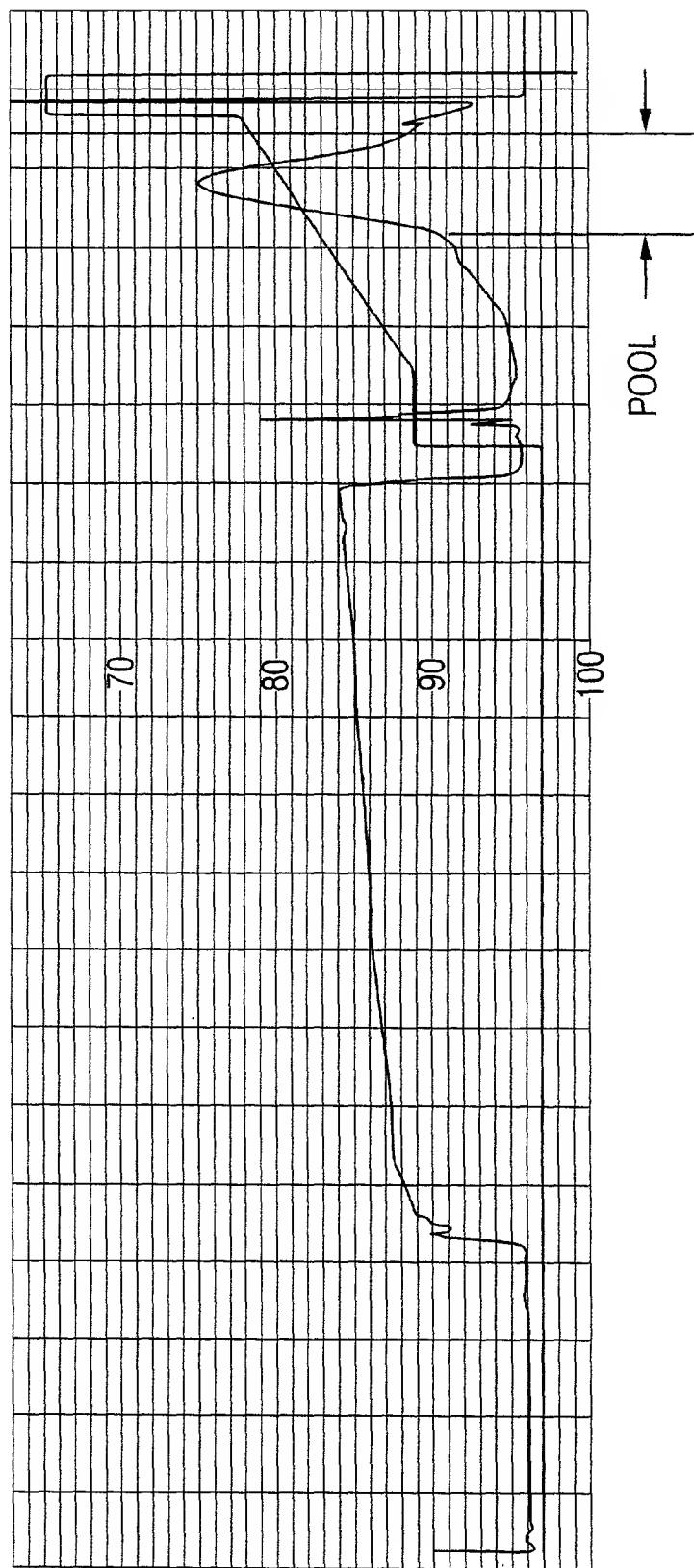


FIG. 16A

Non-reducing SDS-PAGE analysis of SP-Sephadex fractions

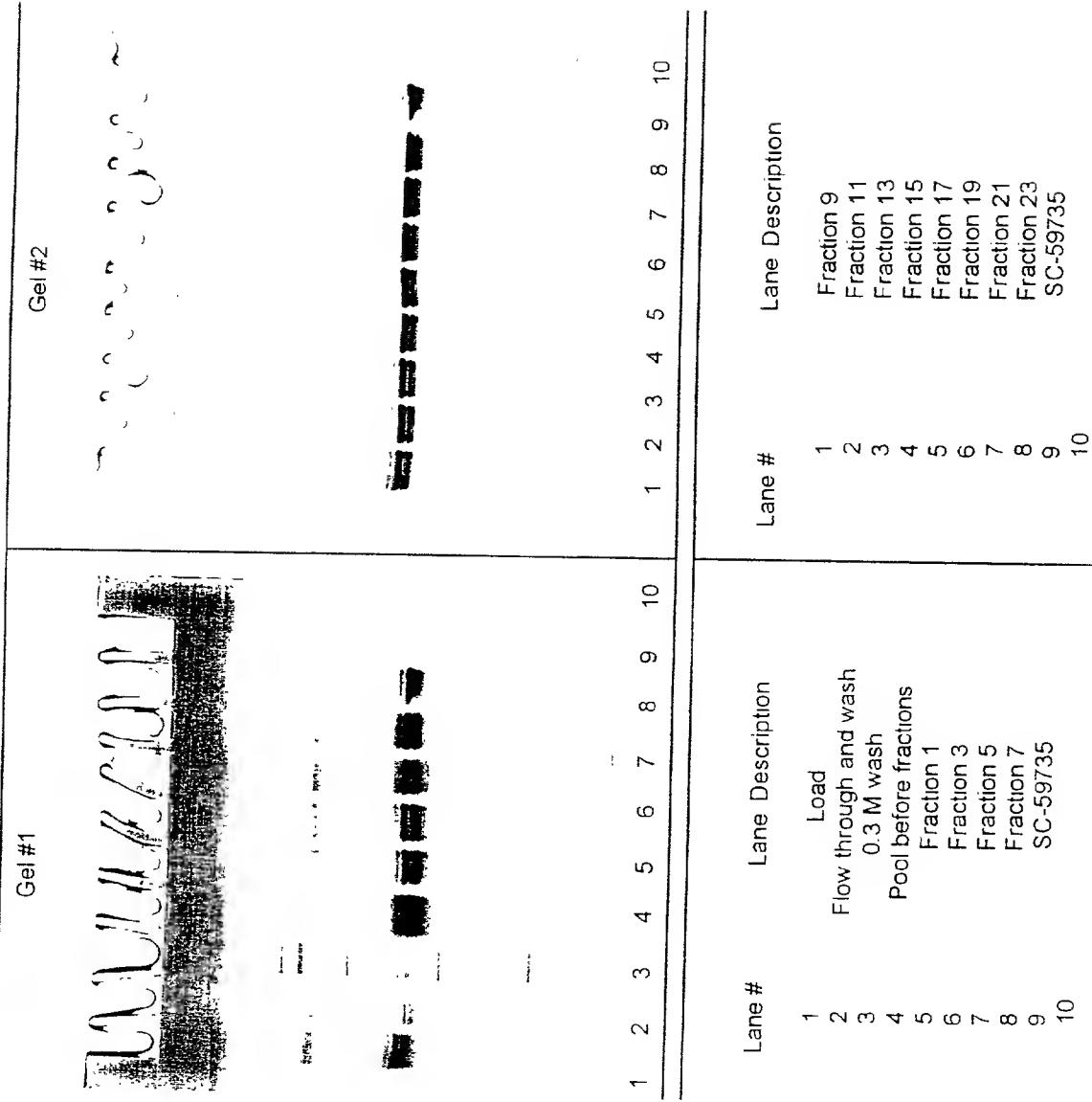
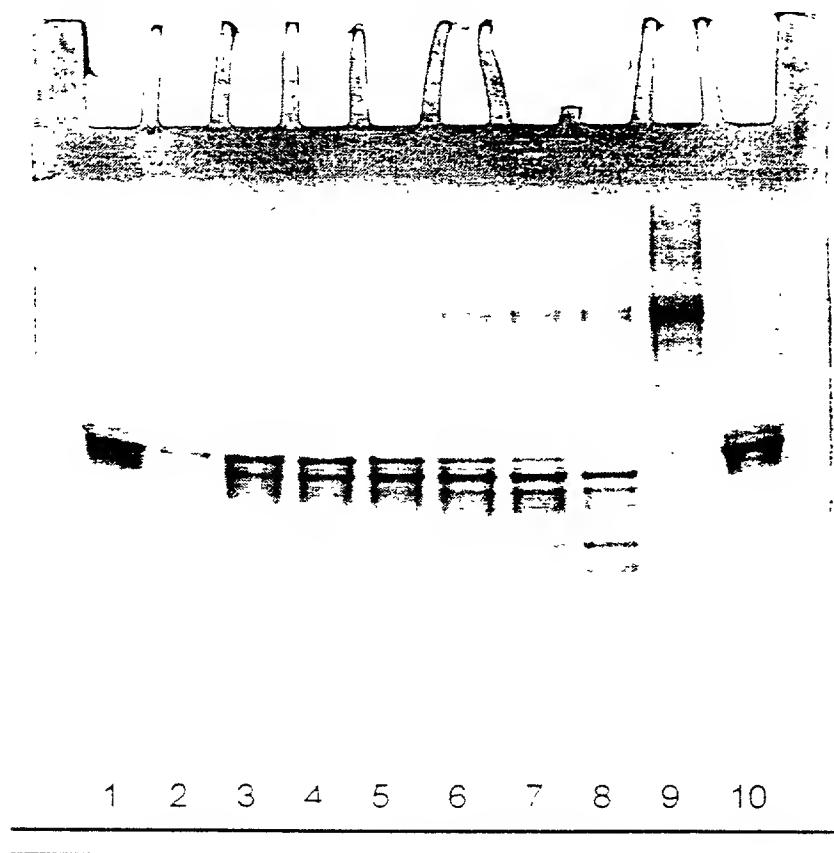


FIG. 16B

Non-reducing SDS-PAGE analysis of SP-Sepharose fractions



Lane #	Lane Description
1	Fraction 25
2	Fraction 27
3	Fraction 29
4	Fraction 31
5	Fraction 33
6	Fraction 35
7	Fraction 37
8	Fraction 39
9	1.0M elution
10	SC-59735

1	Fraction 25
2	Fraction 27
3	Fraction 29
4	Fraction 31
5	Fraction 33
6	Fraction 35
7	Fraction 37
8	Fraction 39
9	1.0M elution
10	SC-59735

FIG. 17
Q-Sepharose elution profile for polyphosphate refold

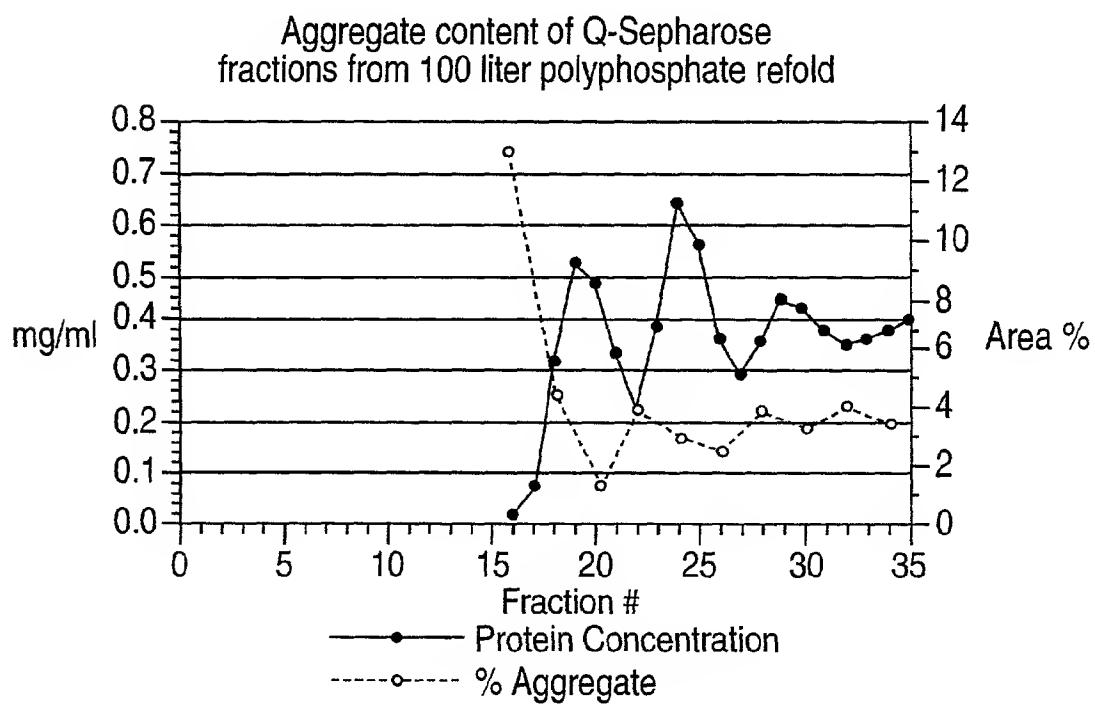
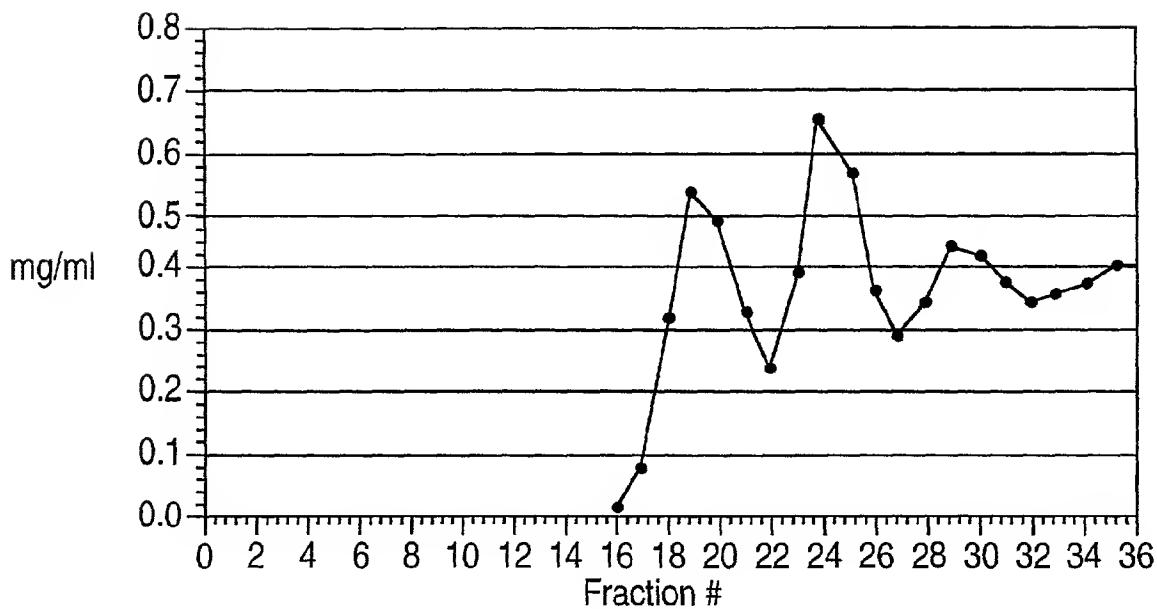


FIG. 18A

Non-reducing SDS-PAGE analysis of Q-Sepharose fractions.

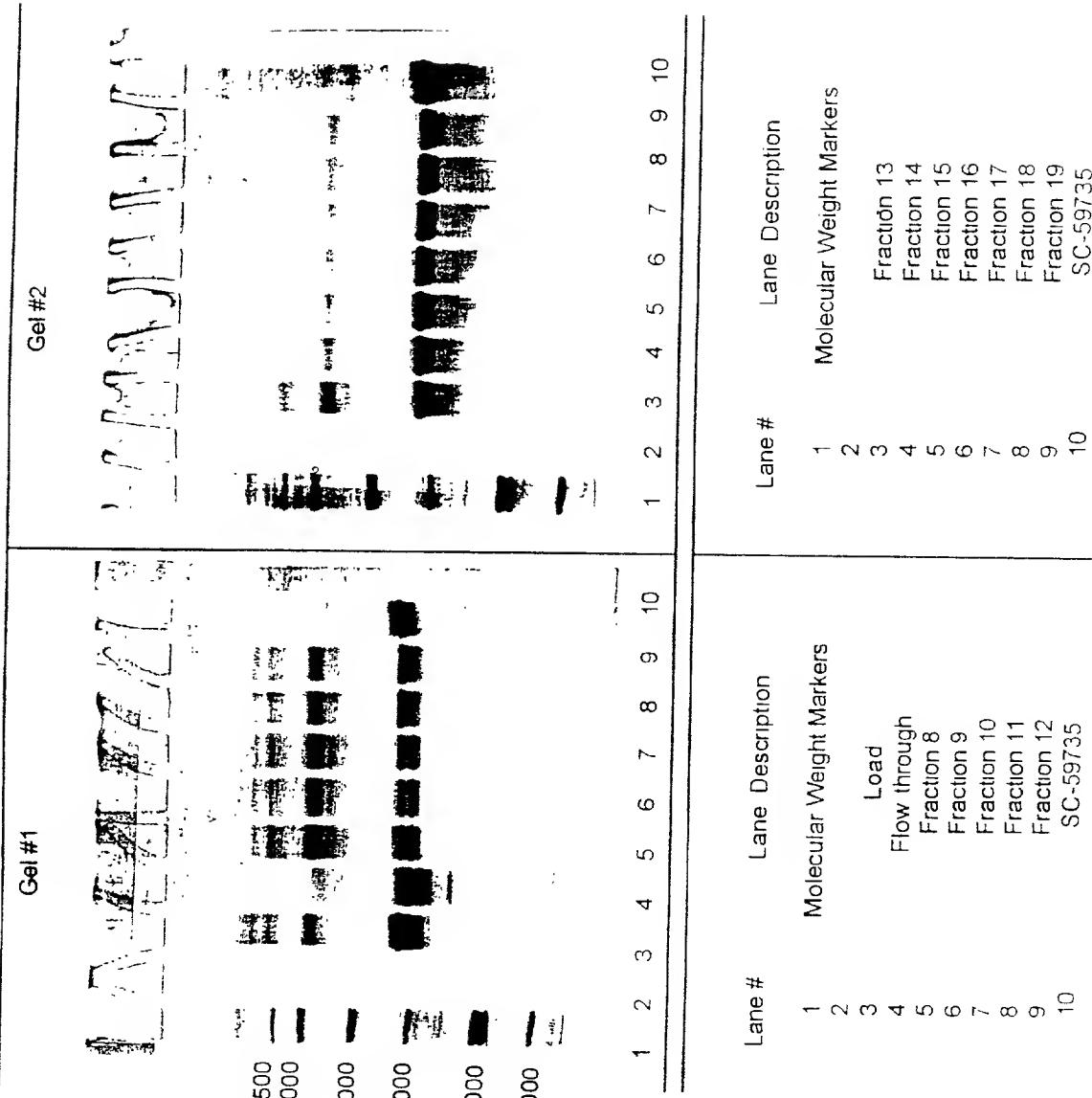
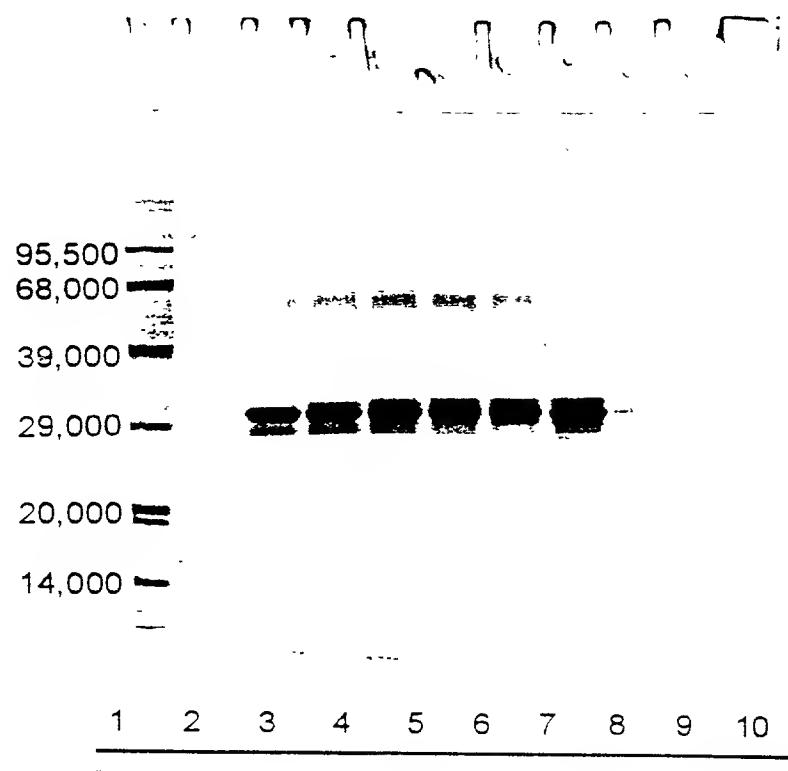


FIG. 18B

Non-reducing SDS-PAGE analysis of Q-Sepharose fractions.



Lane #	Lane Description
1	Molecular Weight Markers
2	
3	Fraction 20
4	Fraction 21
5	Fraction 22
6	Fraction 23
7	Fraction 24
8	SC-59735
9	
10	

FIG. 19

Non-reducing SDS-PAGE analysis PEI refold timepoints.

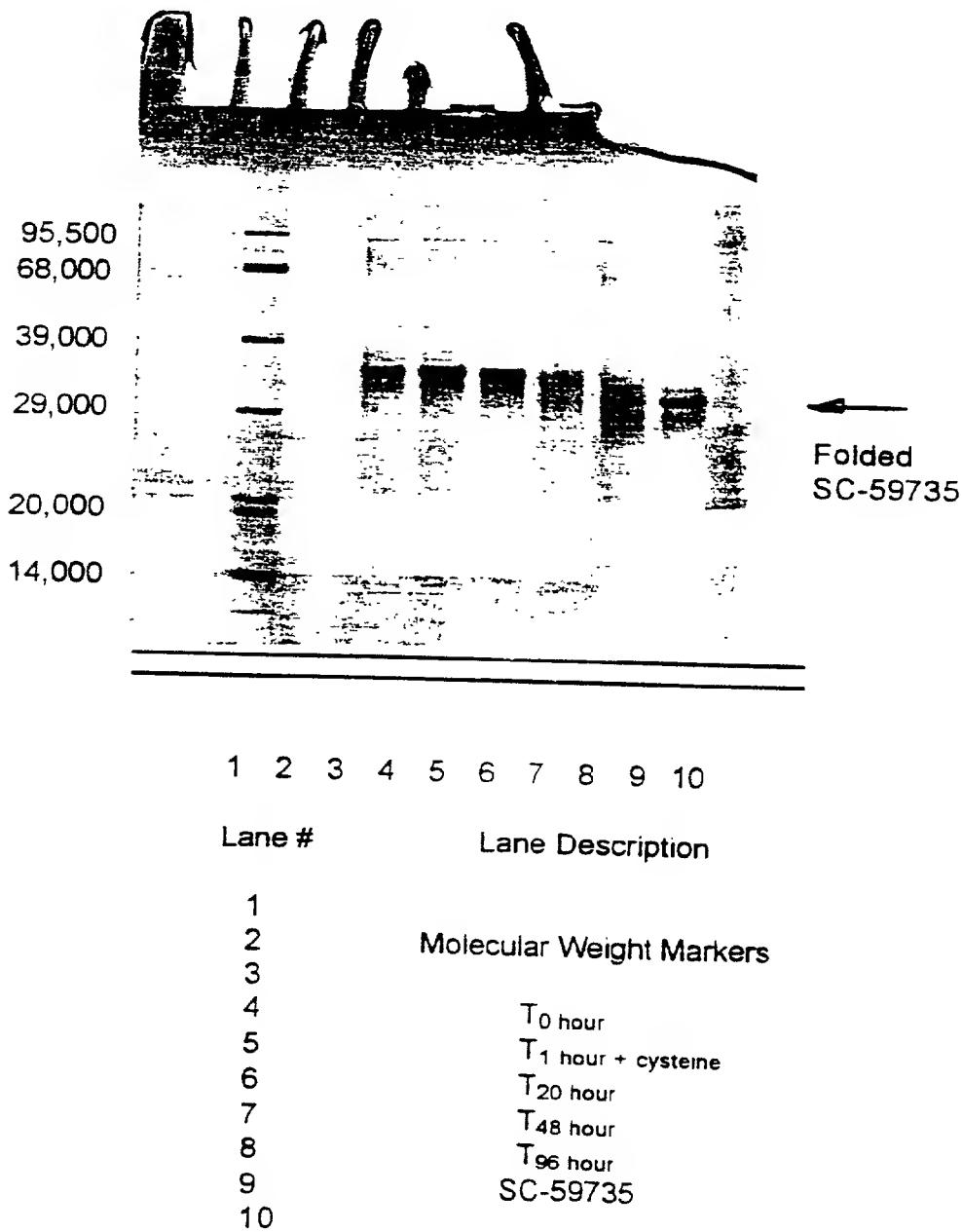


FIG. 20

Sp-Sephadex gradient elution of PEI refold from run # 195005

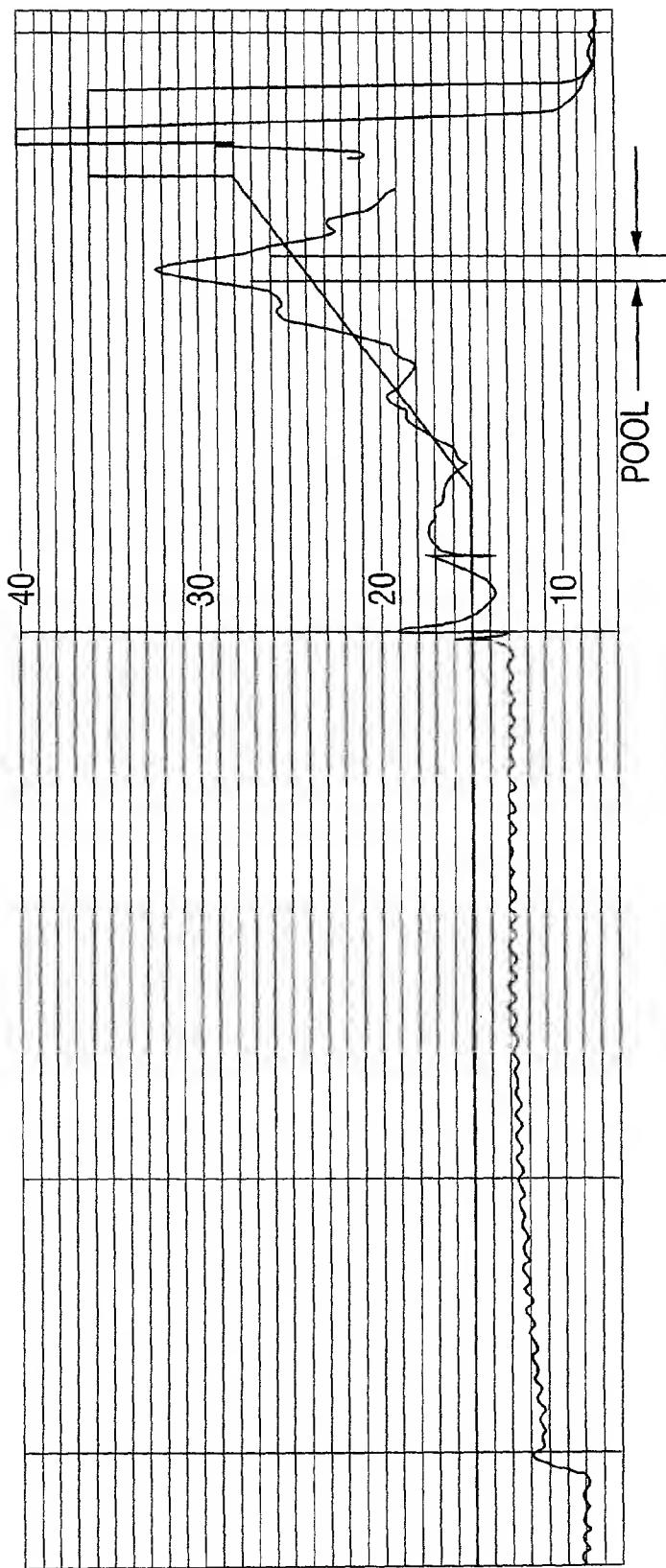


FIG. 21A

Non-reducing SDS-PAGE analysis of SP-Sepharose fractions.

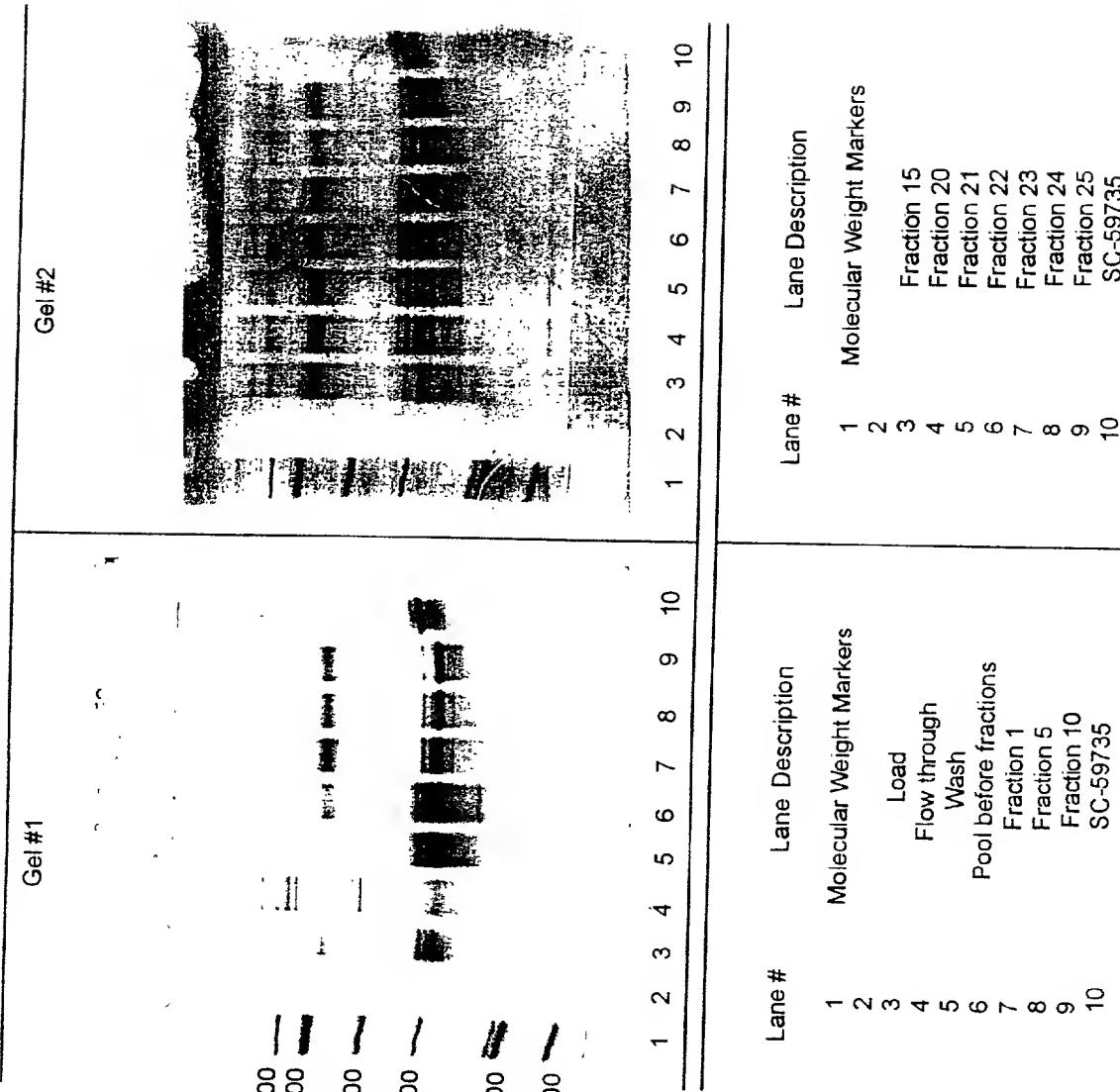


FIG. 21B

Non-reducing SDS-PAGE analysis of SP-Sephadex fractions.

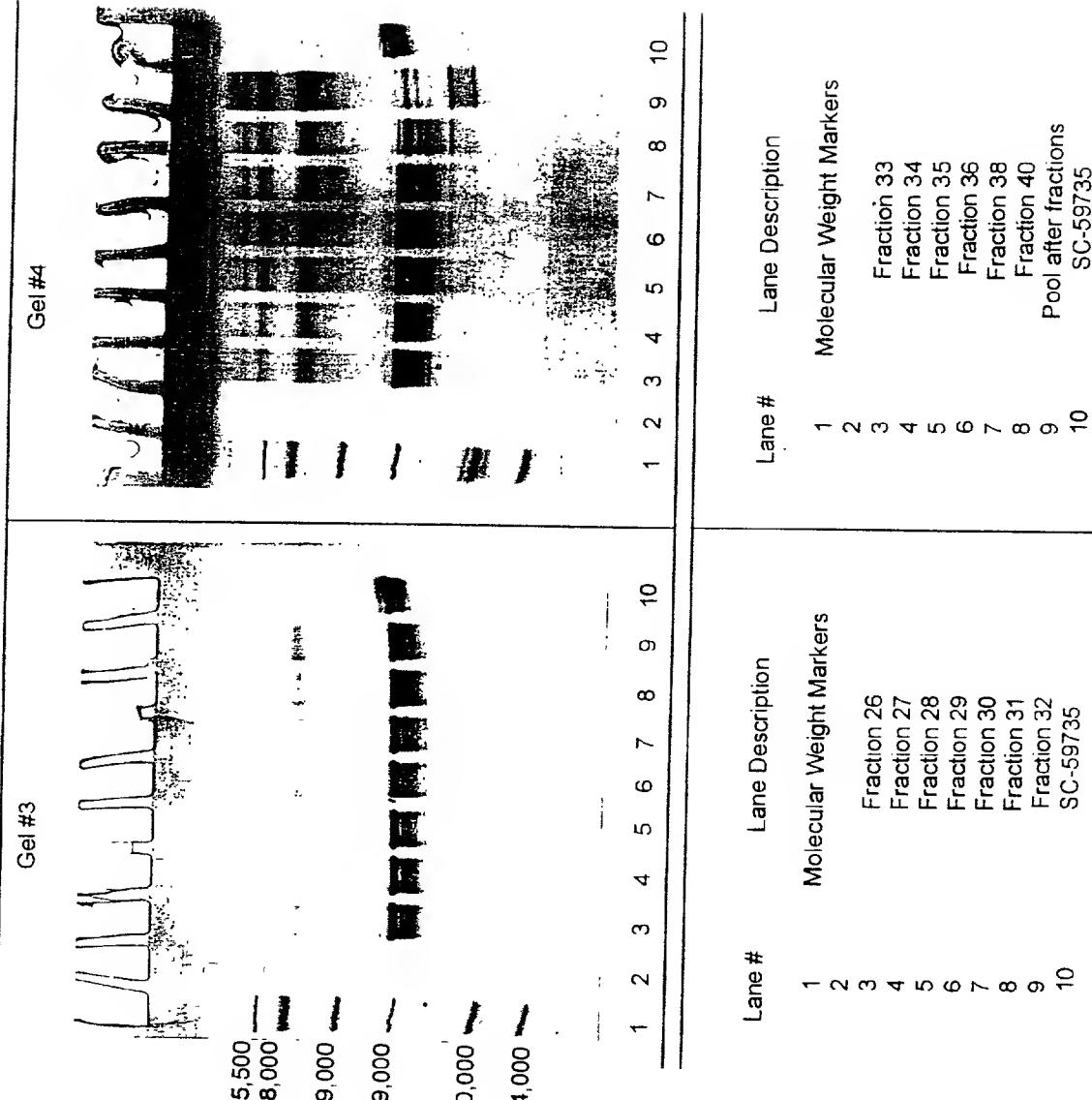
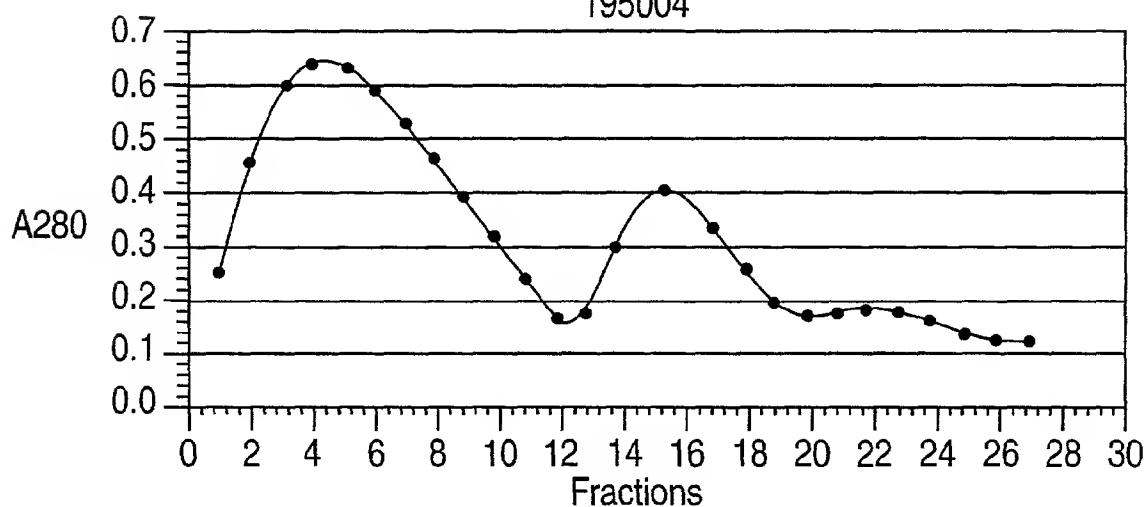


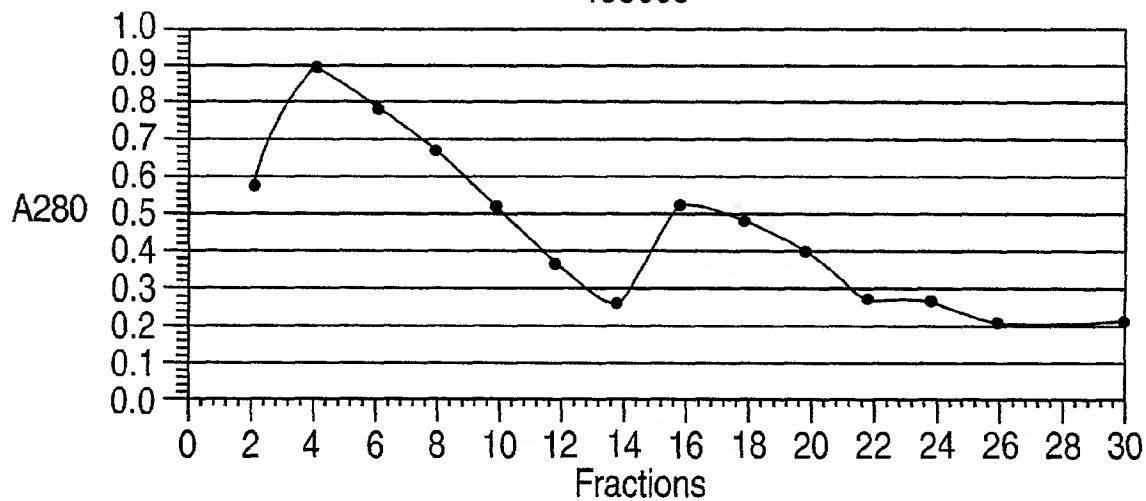
FIG. 22

Protein Concentration Profiles of Q Sepharose Elution

195004



195005



195006

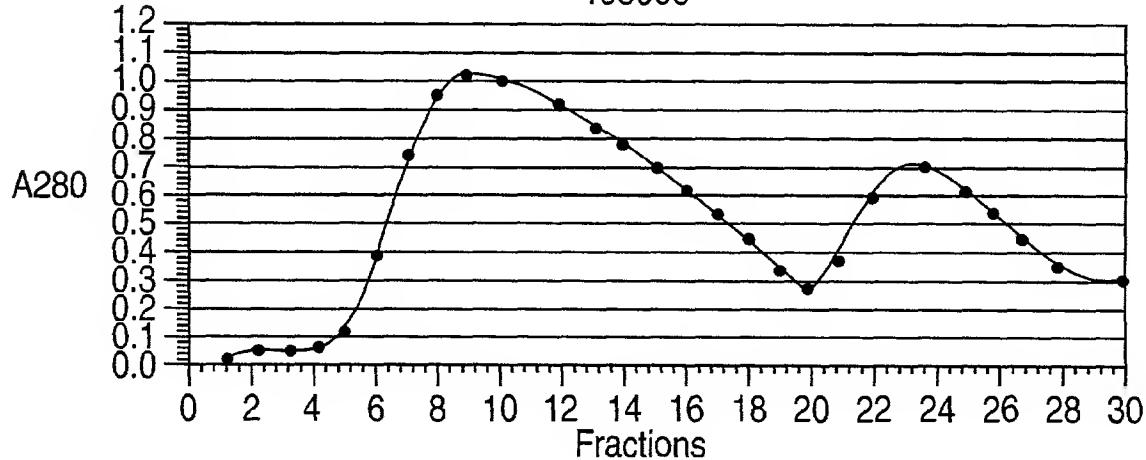


FIG. 23A

Non-reducing SDS-PAGE analysis of Q-Sepharose fractions from Run# 195005

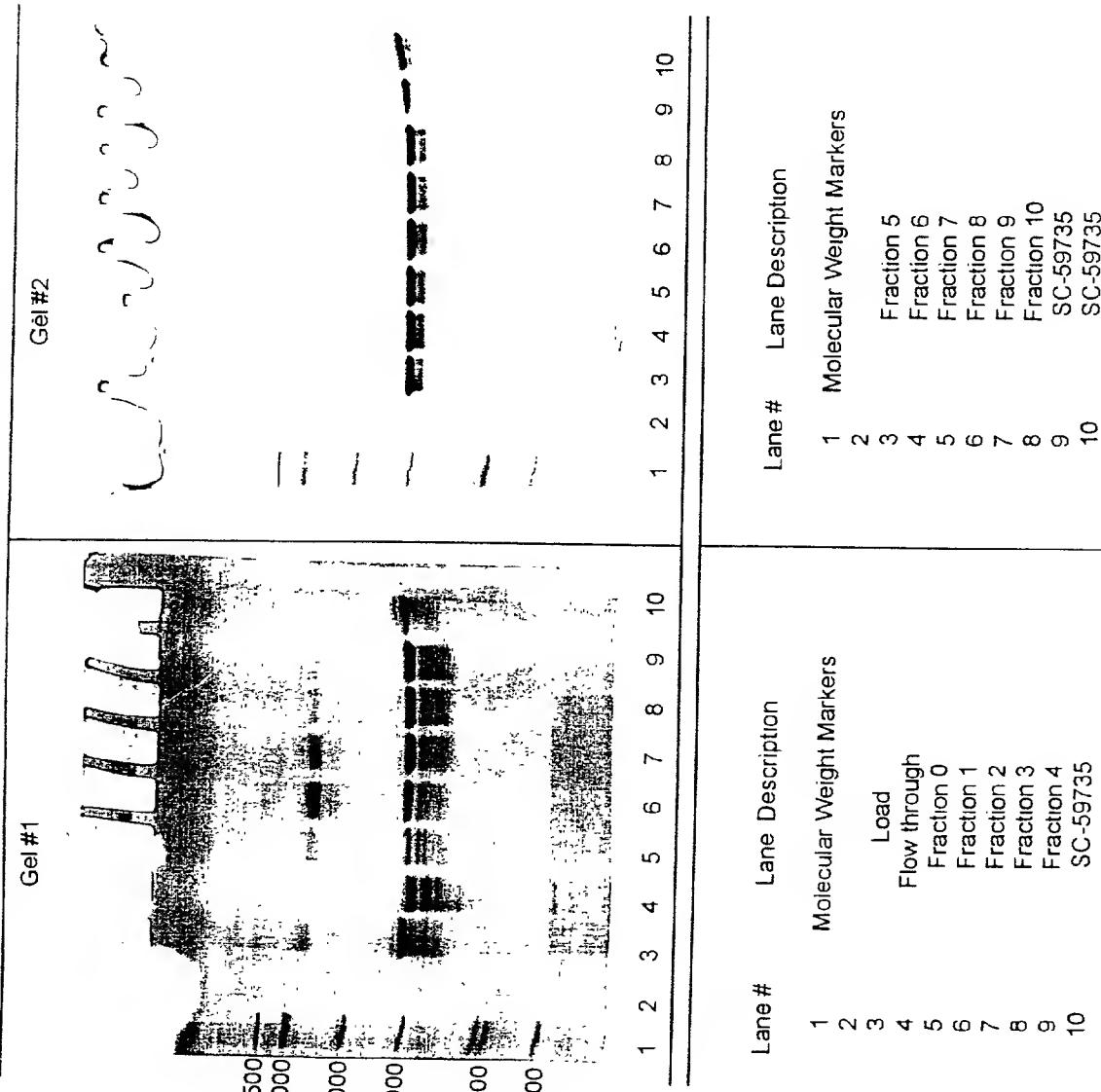


FIG. 23B

Non-reducing SDS-PAGE analysis of Q-Sepharose fractions from run #195005

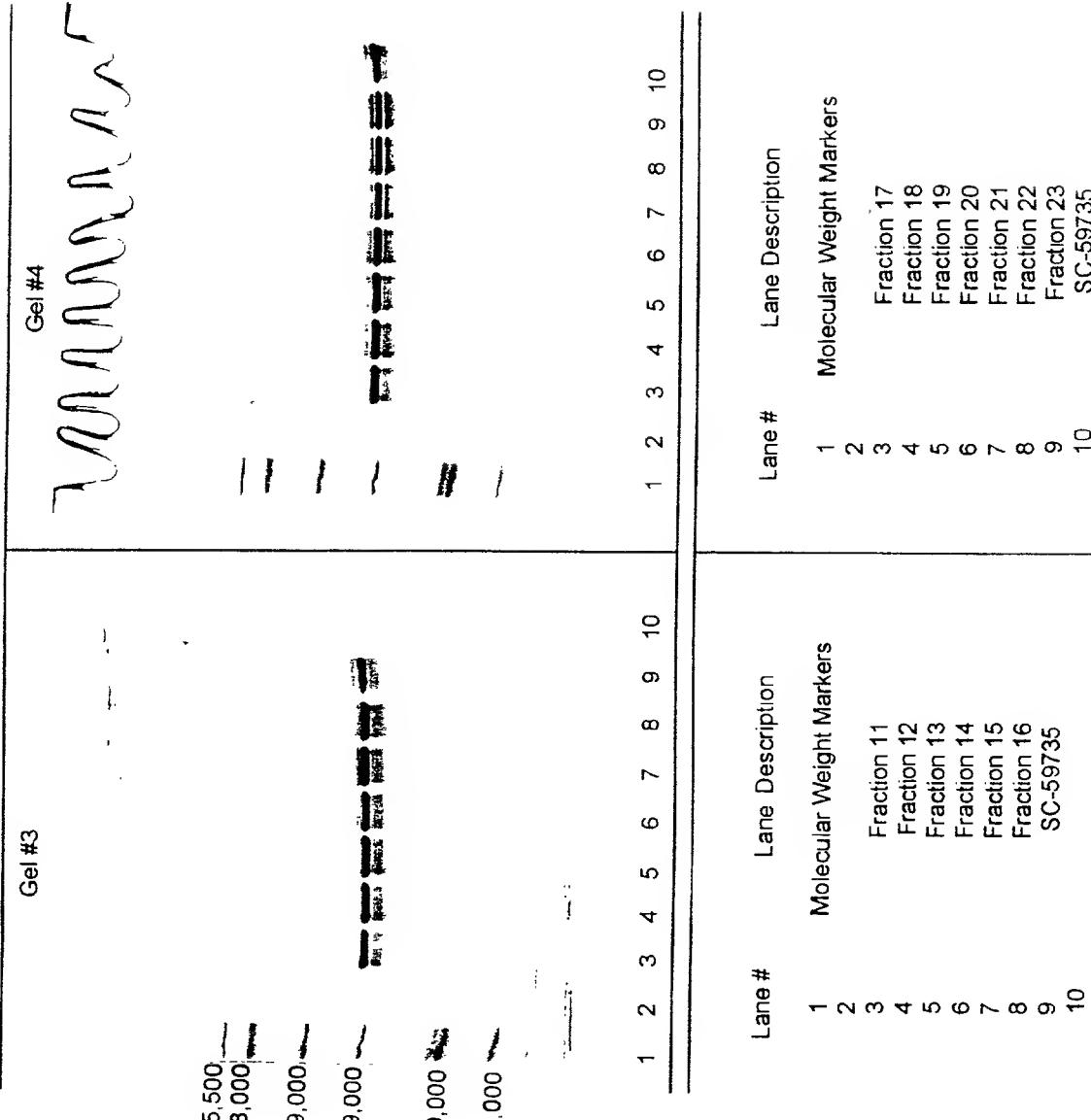
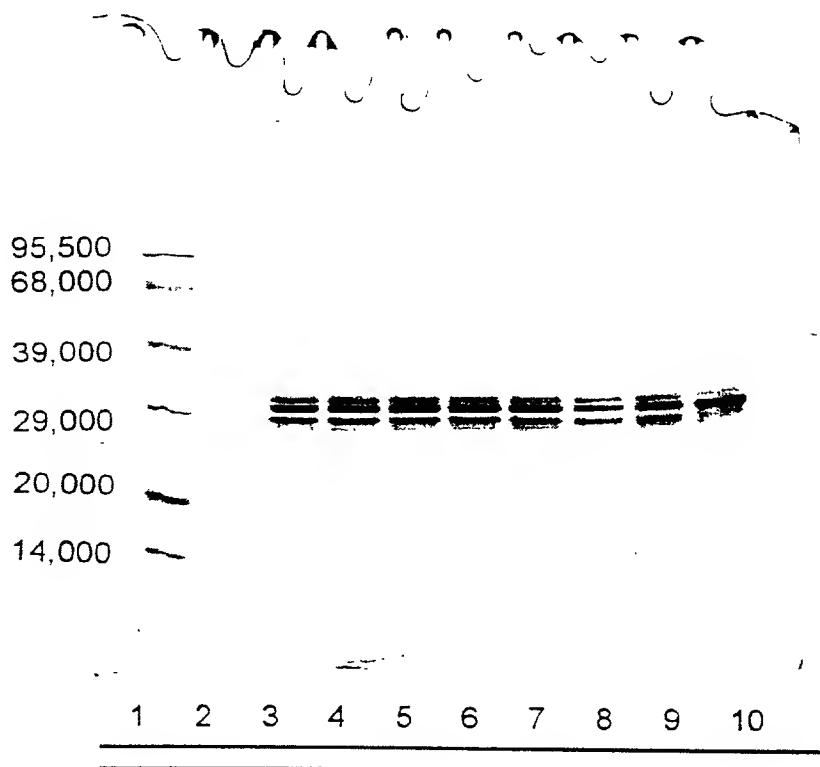


FIG. 23C

Non-reducing SDS-PAGE analysis of Q-Sepharose fractions from run #I95005.

Gel #5



Lane #	Lane Description
1	Molecular Weight Markers
2	
3	Fraction 24
4	Fraction 25
5	Fraction 26
6	Fraction 27
7	Fraction 28
8	Fraction 29
9	Fraction 30
10	SC-59735

1	Molecular Weight Markers
2	
3	Fraction 24
4	Fraction 25
5	Fraction 26
6	Fraction 27
7	Fraction 28
8	Fraction 29
9	Fraction 30
10	SC-59735

SCANNED, # 24

FIG. 24

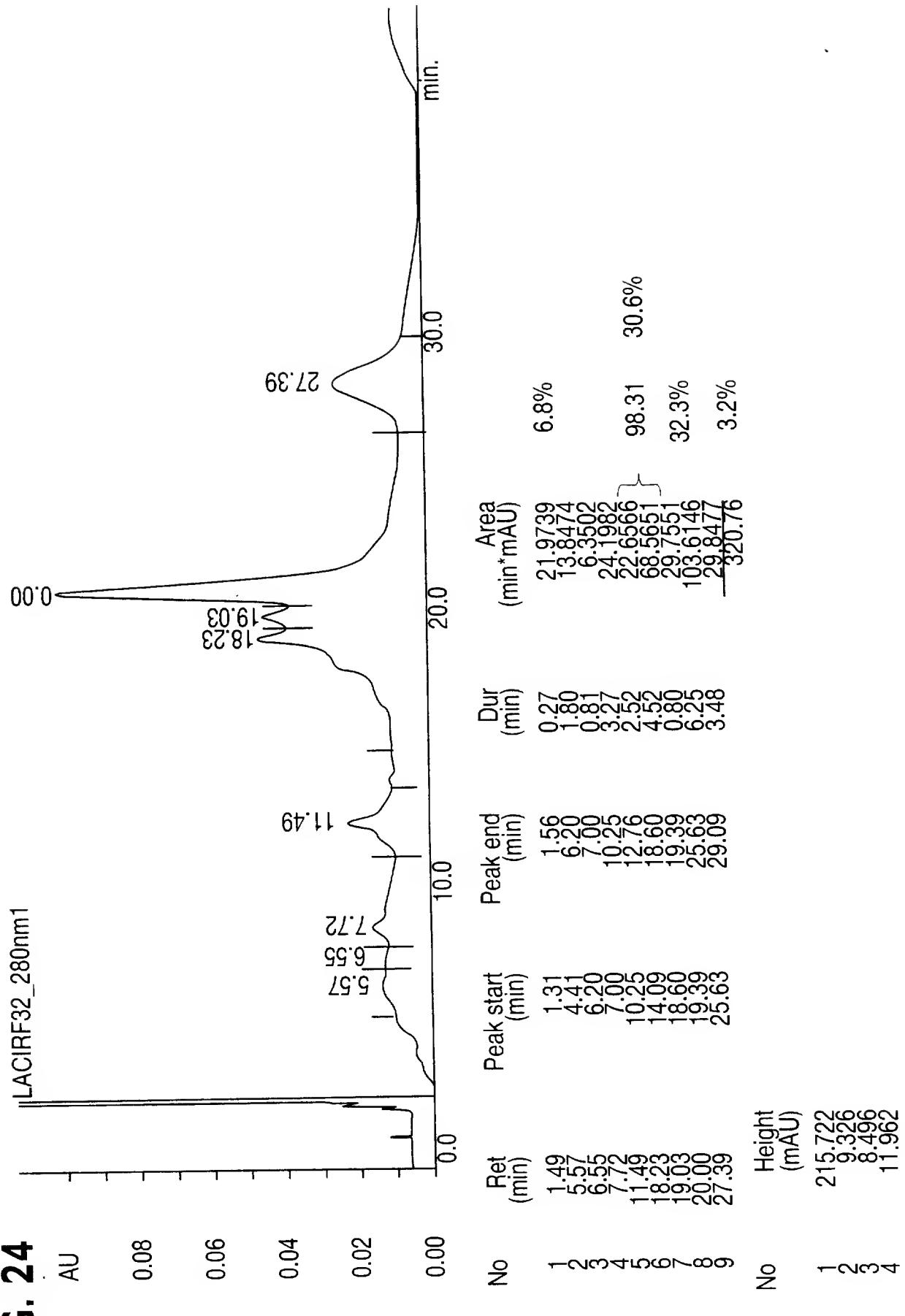


FIG. 25

Results of SC-59735 refolding in water with 0.4% polyphosphate.

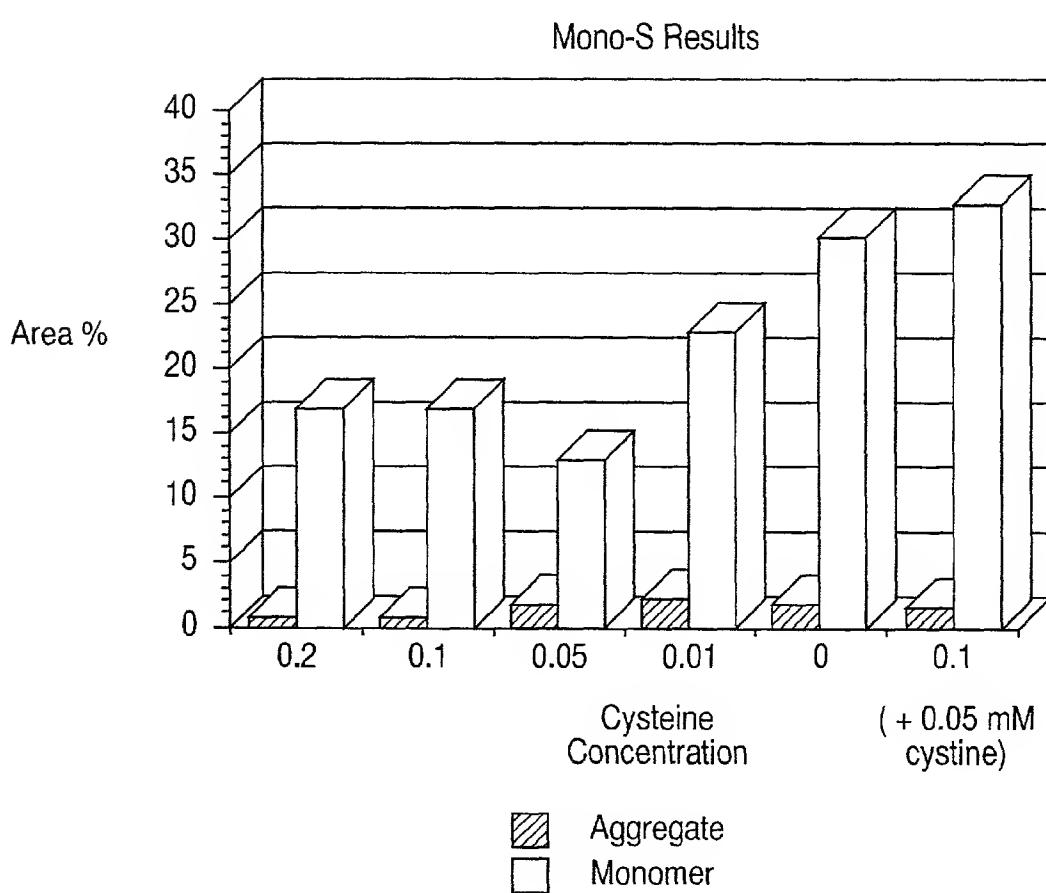


FIG. 26A

Results from experiment evaluating the impact of different polyphosphate chain lengths on SC-59735 refolding.

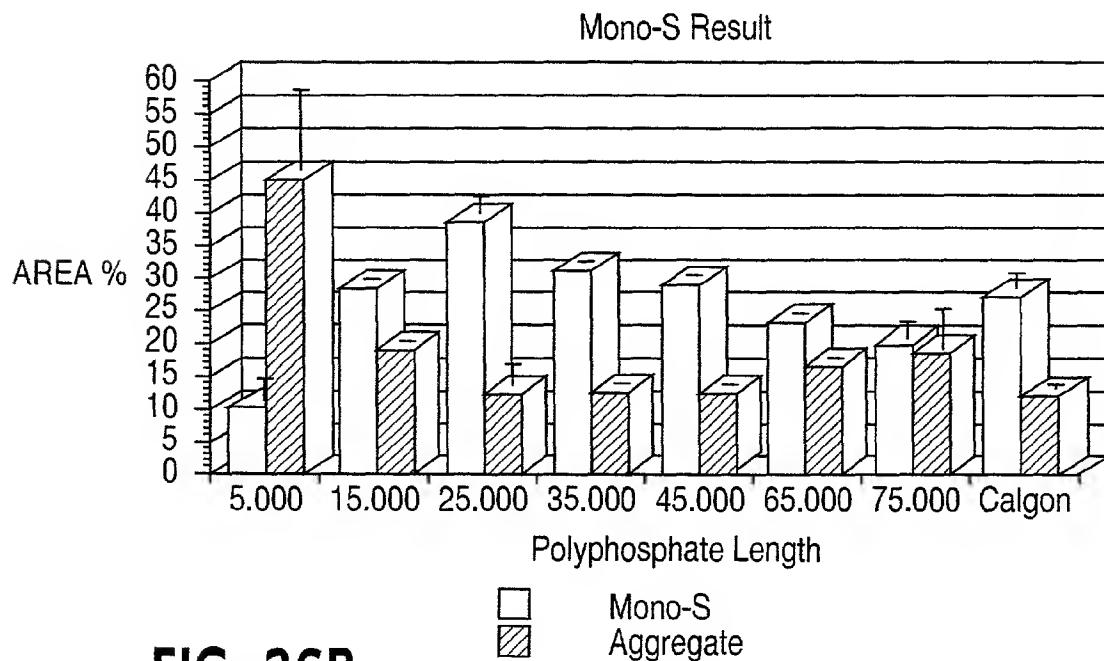


FIG. 26B

Chain length evaluation expressed as PT.

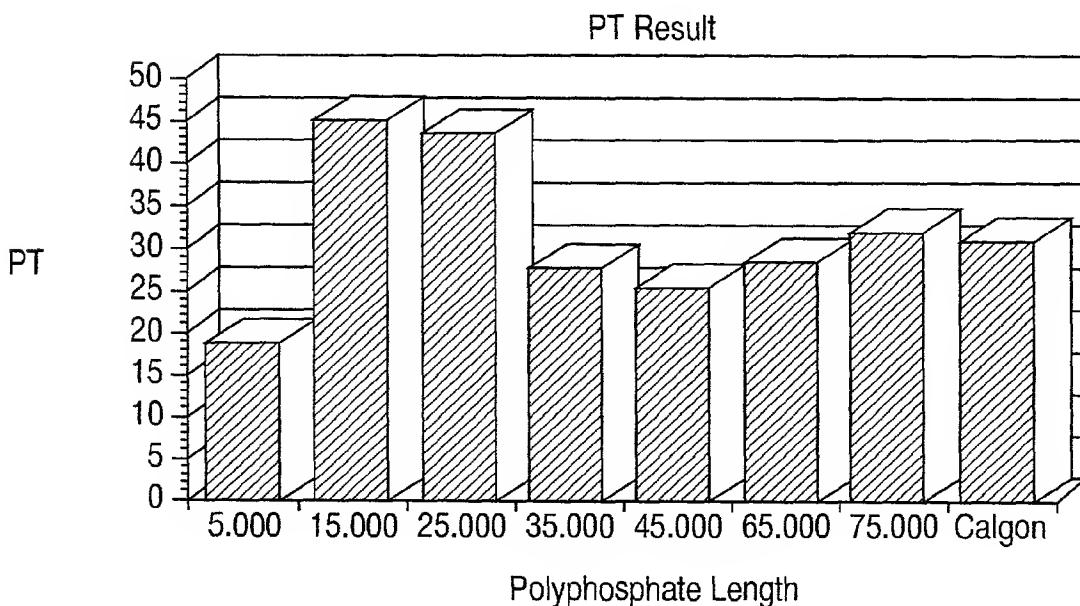


FIG. 27A

Effects of high concentrations of polyphosphate on SC59735 refold.

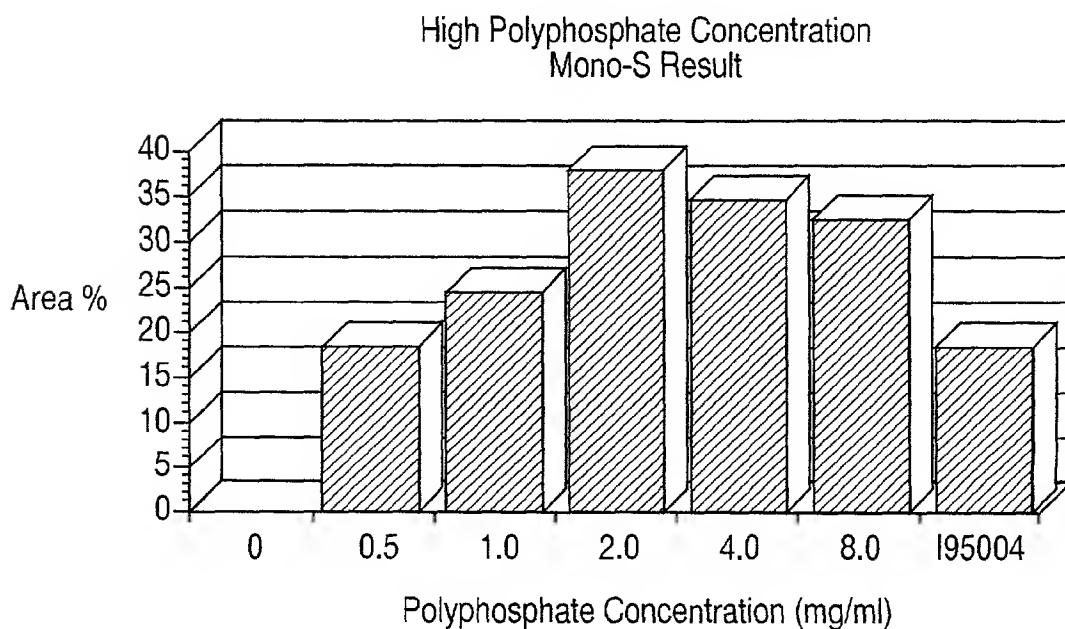
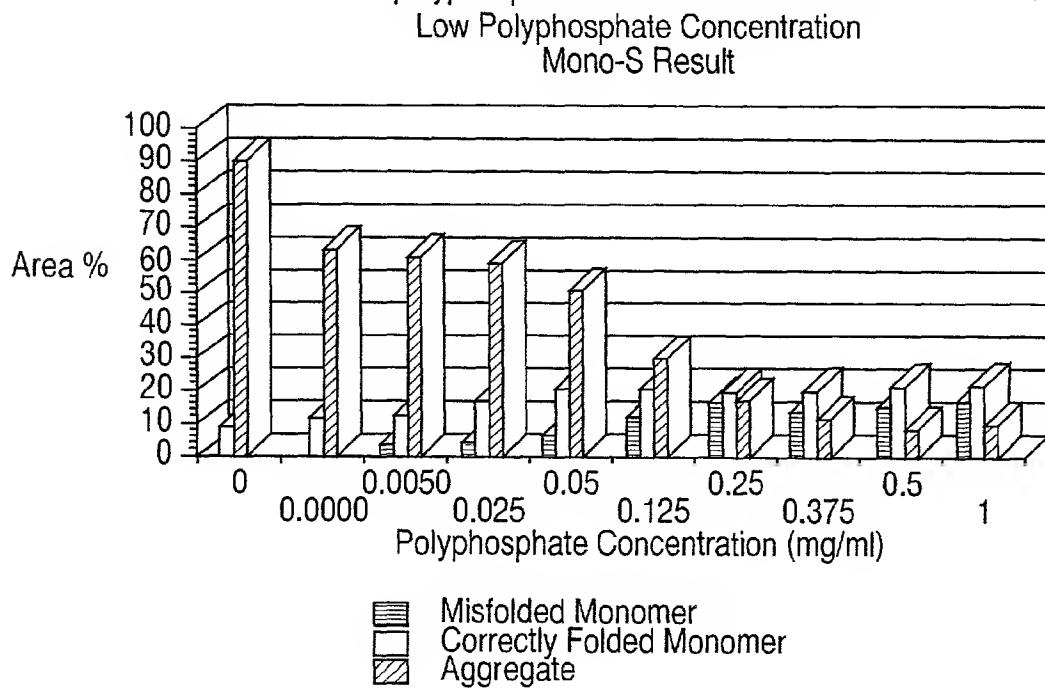


FIG. 27B

Effects of low polyphosphate concentrations on SC-59735 refolds.



20 15 10 5 3 3 5 5 6 6 6 C

Mono-S Analysis of Refolded TFP|

FIG. 28A

Polyphosphate Refold

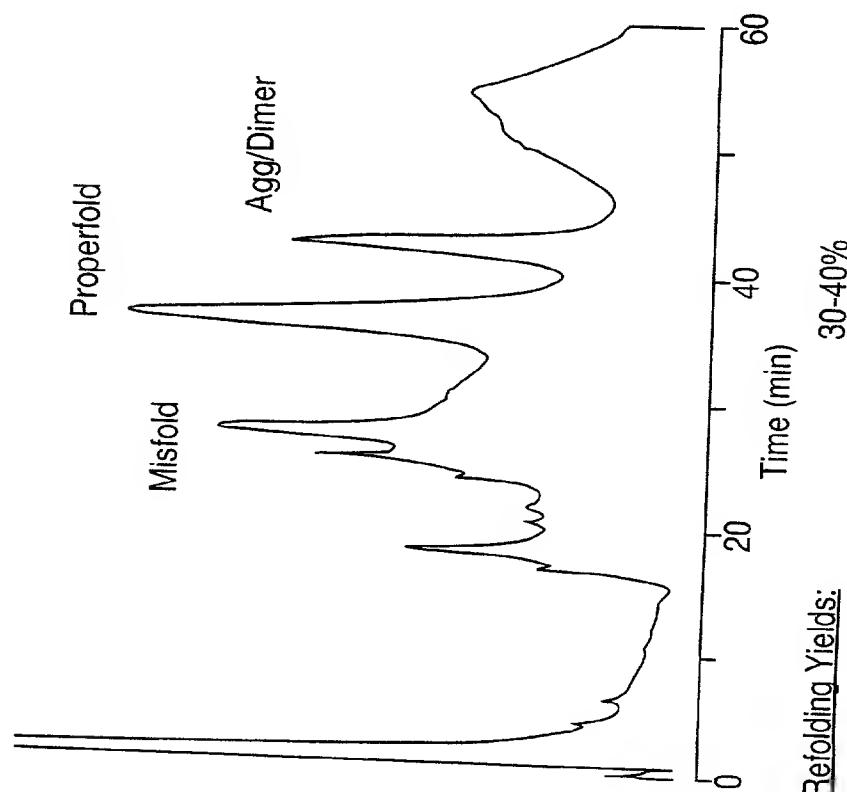


FIG. 28B

PEI Refold

